

ORIGINAL

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0000088704

September 15, 2008

Mr. Brian Bozzo
Arizona Corporation Commission
1200 W. Washington Street
Phoenix, Arizona 85007

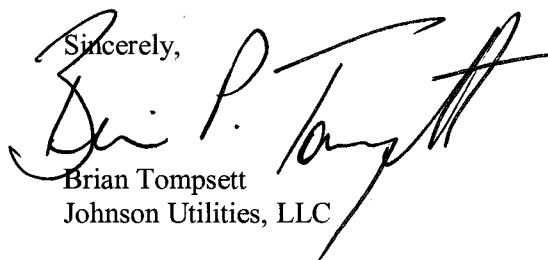
RE: Johnson Utilities, L.L.C.: Compliance with Decision No. 68961
ACC Docket No. WS-02987A-05-0695
CAAG 208 Plan Amendment for Section 11 WWTP
CAAG 208 Plan Amendment for Copper Basin WWTP
ADEQ Approvals to Construct for Water and Sewer Backbone Facilities

Dear Mr. Bozzo:

Pursuant to the above mentioned decision, Johnson Utilities hereby submits this compliance filing in accordance with the Commission's orders. Enclosed please find the CAAG 208 Plan Amendment for the Section 11 and Copper Basin Wastewater Treatment Facilities attached hereto as Attachment 1. Also enclosed are the ADEQ Approvals to Construct for the water and wastewater system backbone facilities servicing the extension area attached hereto as Attachment 2.

If you need any additional information in regards to this compliance items, please do not hesitate to contact me. Thank you for your time and consideration in this matter.

Sincerely,



Brian Pompsett
Johnson Utilities, LLC

Cc: Docket Control

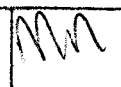
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Attachment 1



Janet Napolitano
Governor

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

1110 West Washington Street • Phoenix, Arizona 85007
(602) 771-2300 • www.azdeq.gov



Stephen A. Owens
Director

JUN 8 2007

Ms. Alexis Strauss, Director
EPA Region IX, Water Division
75 Hawthorne Street, (WTR-1)
San Francisco, California 94105

Dear Ms. Strauss:

Pursuant to Section 208 of the Clean Water Act and 40 CFR 130.6(e), I certify that the *CAAG 208 Water Quality Plan Amendment for Johnson Utilities, L.L.C Consolidated Service Area, July 2006 [Revised November 2006]* is consistent with both the State of Arizona's and the Central Arizona Association of Governments' Water Quality Management Plans.

The amendment summarizes the planning information in all previous Johnson Utilities Company (JUC) amendments in the Johnson Ranch area and provides planning information on expected expansion of existing wastewater treatment plans, the addition of a new facility, updates to the total service and planning areas and a proposed surface water discharge at the pecan Water Reclamation Facility. The overall planning area is a total of 160 square miles and JUC has entered into an agreement with the Town of Florence, a Designated Management Agency, to serve sections within the Town's service area.

This amendment also includes a legal review by JUC as to the authorities of a private utility to carry out the functions of a Designated Management Agency under CWA 208(b)(2), CWA 208(c), and 40 C.F.R. 130.6(c)(5). ADEQ has reviewed the information and believes it addresses the issues raised by EPA in its July 20, 2006 letter.

As the Governor's designee for the State's Water Quality Management Program, I hereby transmit this amendment and supporting documentation to EPA for review.

Sincerely,

Stephen A. Owens
Director

Enclosures

cc: Cheryl McGovern, Water Division, EPA Region IX, (WTR-4)
Edwina Vogan, Watershed Management Unit, ADEQ
J. Peter Armenta, Environmental Planner, CAAG

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Draft

**CAAG 208 WATER QUALITY
PLAN AMENDMENT**

**JOHNSON UTILITIES, L.L.C.
CONSOLIDATED SERVICE AREA**

JULY 2006

REVISED November 2006

PREPARED FOR:

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TABLE OF CONTENTS

SECTION 1 - INTRODUCTION	1
SECTION 2 - BACKGROUND	4
SECTION 3 - SERVICE AREA	9
SECTION 4 - PROJECTED POPULATION AND WASTEWATER FLOWS	11
SECTION 5 - WATER RECLAMATION PLANT	19
SECTION 6 - EFFLUENT MANAGEMNET	23
SECTION 7 - PERMITTING REQUIREMENTS	25
A. Aquifer Protection Permit (APP)	25
B. Reclaimed Water Permit	26
C. Section 208 Plan Amendment	26
D. Arizona Pollution Discharge Elimination System Permit (AZPDES/NPDES)	26
E. Stormwater Pollution Prevention Plan (AZPDES/NPDES)	26
F. Dredge and Fill (404) Permit (CWA Section 404)	26
G. Air Quality Permit	26
H. Sludge Management	27
SECTION 8 - CONSTRUCTION	28
SECTION 9 - ENVIRONMENTAL IMPACTS AND BENEFITS	29
SECTION 10 - PROJECT FINANCING	30

LIST OF TABLES

TABLE 2-1 – Current Water Reclamation Facilities	5
TABLE 3-1 – Sections Served By Water Reclamation Plants	8
TABLE 3-2 – Sections Not Served By Water Reclamation Plants	9
TABLE 4-1 – Population and Flow Projections Per Section At Build-Out	11
TABLE 4-2 – Population and Flow Projections Per Section For State Land At Build-Out	14
TABLE 4-3 – Population and Flow Projections At Build-Out	16
TABLE 5-1 – Wastewater Flow to Treatment Facilities At Build-Out	17
TABLE 5-2 – Treatment Criteria For Application of BADCT	18
TABLE 5-3 – Water Reclamation Plant Technology At Build-Out	18
TABLE 6-1 – Water Reclamation Plant Effluent Disposal Methods	20
TABLE 8-1 – Water Reclamation Plant Construction Phases	25

APPENDIXES

A. 208 AMENDMENT CHECKLIST

B. ADEQ AND CAAG CORRESPONDENCE

C. EXHIBITS

1 – Location Map

2 – Current Franchise and Planned Areas (<http://www.caagcentral.org/208/JUC.html>)

3 – Proposed Planned Areas (<http://www.caagcentral.org/208/JUC.html>)

4 – Johnson Utilities CC&N Service Area (<http://www.caagcentral.org/208/JUC.html>)

5 – Johnson Utilities Current Sewer Infrastructure (<http://www.caagcentral.org/208/JUC.html>)

6 – Pecan Water Reclamation Plant APP Discharge Design

7 – Bella Vista Farms (location of Bella Vista WRP)

D. DOCUMENTATION

E. DESIGNATED MANAGEMENT AGENCY QUALIFICATION OF JOHNSON UTILITIES,
L.L.C. WITHIN THE CAAG 208 WATER QUATLIY PLAN

SECTION 1 - INTRODUCTION

This amendment to the Central Arizona Association of Governments (CAAG) 208 Areawide Water Quality Management Plan Update – 1994 consolidates all previous amendments and provides planning information on the current and expected expansion of the water reclamation plants and service area of Johnson Utilities, L.L.C. Included in this report is Pinal County's request to amend the CAAG 208 Water Quality Plan to require the effluent discharges to the Queen Creek Wash from the Pecan Water Reclamation Plant be subsurface, thereby eliminating the threat of diseases associated with standing water.

This amendment updates the planned service area with respect to all previously submitted amendments and revises the anticipated flows expected at the Copper Basin, Anthem at Merrill Ranch, Section 11, and Bella Vista water reclamation plants (WRP) as new subdivisions can reasonably be expected to be served in the future. This amendment also includes the Pecan Water Reclamation Plant's subsurface discharge below the Queen Creek Wash. The design uses subsurface discharge in compliance with Pinal County's proposed amendment change as stated above.

Johnson Utilities has grown from 2,029 customers (dwelling units) in January 2003 to 16,510 in December 2005 which is a 714% change (20% per month). Last year, Johnson Utilities grew at a rate of 91%, adding approximately 660 customers a month to the wastewater collection system. At this rate, the projected number of customers served after 20 years (2025) will be 174,000 and all available private and state land will be built-out by 2030.

The location of the Johnson Utilities franchise area is located between the Town of Queen Creek to the northwest, the Town of Florence to the southeast, Gila River Indian Reservation to the southwest, and State land to the northeast in Pinal County. The current franchise area encompasses 160 square miles. The service area is shown in Exhibit 1.

The current franchise and planned areas are shown in Exhibit 2. The six (6) water reclamation plants approved through CAAG Amendment No. 4 were Section 11 Wastewater Treatment Plant (WWTP), Precision Golf Course WWTP, Circle Cross Water Reclamation Plant (WRP), San Tan WRP,

Mystic Lakes WRP, and the Copper Basin WRP. Table 2-1 in Section 2 summarizes each plant's capacity and permitted status.

In 2003, a CAAG 208 amendment renamed the Circle Cross WRP to the Pecan WRP and moved it to its existing location as shown in Exhibit 3. The amendment also added the Arizona Utility Supply and Service, L.L.C. (AUSS) area to that served by the Pecan WRP. A service agreement was developed between AUSS and Johnson Utilities. This amendment also stated that the AUSS wastewater treatment plants, Links and Centex, would be phased out and the sewer lines connected to the Pecan WRP. Although this amendment was approved by the CAAG Regional Council and the State Water Quality Working Group, Arizona Department of Environmental Quality (ADEQ) did not submit a certification letter to the U.S. Environmental Protection Agency (EPA). ADEQ did issue a conditional approval for the Pecan WRP to serve Sections 22, 27, and a portion of 30 outside of the Johnson Utilities' CC&N area. This approval did not formally amend either the JUC or AUSS 208 plans but merely recognized the agreement while the Arizona Corporation Commission worked to resolve the AUSS-JUC situation. The Arizona Corporation Commission in the matter of Arizona Utility Supply & Services, LLC (SW-04002A-02-0837 et al.) – Application for the Transfer of a Portion of its Certificate of Convenience and Necessity to Johnson Utilities, L.L.C., approved the transfer effective November 1, 2006.

The November 2004 CAAG 208 amendment changed the area served by the Anthem at Merrill Ranch WRP and was approved by the U.S. EPA on January 3, 2006.

Effluent from the water reclamation plants can be disposed of by reuse, discharge, and recharge. Effluent will be primarily used for beneficial reuse to the greatest extent possible. Excess effluent is disposed by recharge. The effluent is reused as reclaimed water for irrigation of golf courses, landscaping, and other appropriate uses in accordance with ADEQ's reclaimed water rules. Johnson Utilities distributes its reclaimed water under a "Type 3 Reclaimed Water General Permit for a Reclaimed Water Agent." Reclaimed water can also be used by any person with an appropriate "Type 2 Reclaimed General Permit". Excess effluent is recharged to the aquifer under ADEQ rules and Arizona Department of Water Resources' (ADWR) underground storage

facility and water storage permit rules. A subsurface recharge system below the Queen Creek wash is proposed for the Pecan WRP. A significant amendment to the Aquifer Protection Permit has been submitted to ADEQ. The amendment replaces vadose zone recharge wells with the subsurface recharge system in the adjacent wash. This project may require a Dredge and Fill (404) Permit and an AZPDES/NPDES. A Jurisdictional Delineation Request for the subsurface discharge into Queen Creek adjacent to the Pecan WRP has been submitted to the U.S. Army Corps of Engineers on 6/23/06. An AZPDES/NPDES application has been submitted to ADEQ.

The current franchise and wastewater plant service areas are shown in Exhibit 2. Existing and proposed CC&N service areas are shown in Exhibit 4.

SECTION 2 - BACKGROUND

Previously submitted CAAG 208 Water Quality Plan Amendments are:

Amendment	Approval Level
No. 2 for Johnson Utilities Company, June 1997	Certified by ADEQ
No. 3 for Johnson Utilities Company, June 2000	Certified by ADEQ
No. 4 for Johnson Utilities Company, LLC, April 2001	Certified by ADEQ
Arizona Utility Supply and Service, LLC, September 2003	Approved by CAAG Regional Council
Merrill Ranch for Johnson Utility Service, LLC, November 2004	Certified by ADEQ

Exhibit 2 shows the area served by each of these amendments

Amendment No. 2 for Johnson Utilities Company, June 1997, established the Section 11 Wastewater Treatment Plant with a capacity of 2.0 MGD serving the Johnson Ranch area. The current Section 11 Wastewater Treatment Plant treats the wastewater by mean of aeration lagoons and wetlands. A significant amendment has been approved by ADEQ to replace the facility with a 2.0 MGD extended aeration plant producing Class A+ reclaimed water. Amendment No. 3 added the 0.3 MGD Precision Golf Course Wastewater Treatment Plant and extended the service area. Amendment No. 4 added four plants and extended the service area to its existing size. The four additional water reclamation plants were as follows:

Copper Basin	3.0 MGD
Mystic Lakes	3.0 MGD (renamed Anthem at Merrill Ranch WRP)
San Tan	2.0 MGD
Circle Cross	5.5 MGD (renamed and moved to Pecan WRP)

The amendment for Arizona Utility Supply and Service, LLC, September 2003, moved the Circle Cross plant to its current location known as the Pecan Water Reclamation Plant with a capacity of 4.0 MGD. The amendment also added the Arizona Utility Supply and Service, L.L.C. (AUSS) area to that served by the Pecan WRP. A service agreement was developed between AUSS and Johnson Utilities. This amendment also stated that the AUSS wastewater treatment plants, the Links WWTP

and the Centex WWTP, would be phased out and the sewer lines connected to the Pecan WRP. In 2004 ADEQ found the operation of the Links WWTP to be intolerable and asked Johnson Utilities to bypass the Links WWTP and start treating the sewage from the AUSS area at the Pecan WRP. During this period AUSS filed for bankruptcy and the Arizona Corporation Commission started the process of transferring the AUSS CC&N to Johnson Utilities. The Arizona Corporation Commission in the matter of Arizona Utility Supply & Services, LLC (SW-04002A-02-0837 et al.) – Application for the Transfer of a Portion of its Certificate of Convenience and Necessity to Johnson Utilities, L.L.C., approved the transfer effective November 1, 2006.

The Merrill Ranch for Johnson Utility Service, LLC, November 2004, amendment changed the name of the Mystic Lakes Water Reclamation Plant to the Anthem at Merrill Ranch Water Reclamation Plant, removed state property from the plant's service area, and added Section 19 and portions of Sections 18 and 30, T4S, R9E to the east of the previously approved service area. Since this area is within the Town of Florence, the town entered into a service agreement with Johnson Utilities to service this area. The amendment was certified by ADEQ on September 2, 2005, and approved by the U.S. EPA on January 3, 2006.

This amendment makes proposed changes to the Pecan WRP's service area in anticipation of the pending transfer of the CC&N areas of the Arizona Utility Supply and Service, LLC, to Johnson Utilities, LLC. This amendment updates the planned service area with respect to all previously submitted amendments and revises the anticipated flows expected at the WRPs as new subdivisions can reasonably be expected to be served in the future. This amendment also includes the Pecan Water Reclamation Plant's subsurface discharge below the Queen Creek Wash.

A summary of the current six (6) wastewater reclamation plants follows:

TABLE 2-1								
Current Water Reclamation Facilities								
Water Reclamation Plant	208 Planned Capacity [MGD]	Aquifer Protection Permit Capacity [MGD]			Constructed Capacity [MGD]			Operating Flows at End of 6/06 [MGD]
		Issued	Pending	Total	On-line	Under Construction	Total	
Section 11 ¹	2.0	2.0	-	2.0	1.6	-	1.6	1.251

Precision ²	0.3	0.3	-	0.3	-	0.3	0.3	-
San Tan ³	2.0	0.4156	1.5844	2.0	1.0	1.0	2.0	0.376
Anthem ³	3.0	3.0	-	3.0	-	1.5	1.5	-
Copper Basin ³	3.0	-	-	-	-	-	-	-
Pecan ⁴	4.0	4.0	-	4.0	2.0	-	2.0	0.759
Total	13.8	9.7156	1.5844	11.3	4.6	1.8	7.4	2.386

¹ CAAG 208 Water Quality Plan Amendment No. 2 for Johnson Utilities Company, June 1997.

² CAAG 208 Water Quality Plan Amendment No. 3 for Johnson Utilities Company, June 2000.

³ CAAG 208 Water Quality Plan Amendment No. 4 for Johnson Utilities Company, LLC, April 2001.

⁴ CAAG 208 Water Quality Plan Amendment for Arizona Utility Supply and Service, LLC, September 2003.

The Section 11 WWTP is located at 5632 E. Hunt Highway, Queen Creek, in Township 4 South, Range 8 East, Section 11, NW ¼. It serves approximately five sections with an estimated population of 29,952. The current capacity of the WWTP is 1.6 MGD and discharges Class B+ effluent to off-site reuse sites under an ADEQ Type 3 Reclaimed Water General Permit and by means of on-site recharge basins up to 1.6 MGD. The Aquifer Protection permit has been amended to allow the construction of a 2.0 MGD extended aeration plant to replace the current lagoon/wetland plant. The new plant will discharge Class A+ effluent. The build-out capacity is 17 MGD. The new plant meets the required setback of 350 feet.

The Precision Golf Course WWTP is located at 1877 E. Bella Vista Road, Queen Creek, in Township 3 South, Range 8 East, Section 20, NE ¼. It serves less than one section with an estimated population of 3,355. The capacity of the WWTP is 0.3 MGD and discharges Class B+ effluent to off-site reuse sites under an ADEQ Type 3 Reclaimed Water General Permit. This plant is under construction. The plant meets the required setback of 350 feet.

The San Tan WRP is located at 2601 W. Hunt Highway, Queen Creek, in Township 3 South, Range 7 East, Section 12, NW ¼. It serves 9 sections with an estimated population of 27,181. The capacity of the WRP is 2.0 MGD and discharges Class A+ effluent to off-site reuse sites under an ADEQ Type 3 Reclaimed Water General Permit and by means of vadose zone recharge wells up to 2.0 MGD. The first phase of this plant, 1.0 MGD is operating and the second phase is under construction with completion schedule for the fall of 2006. A waiver provides the required setback of 350 feet.

The Anthem at Merrill Ranch WRP is located at 8465 W. Ocotillo Dr., Florence, in Township 4 South, Range 8 East, Section 25, SW ¼. It serves 14 sections with an estimated population of 41,843. The build-out capacity of the WRP is 6.0 MGD and discharges Class A+ effluent to off-site reuse sites under an ADEQ Type 3 Reclaimed Water General Permit and by means of on-site recharge basins up to 3.0 MGD. The first phase of this plant, 1.5 MGD, is under construction with completion scheduled for winter of 2006. The plant meets the required setback of 350 feet.

The Pecan WRP is located at 38539 N. Gantzel Road, Queen Creek, in Township 2 South, Range 8 East, Section 29, NW ¼. It serves 13 sections with an estimated population of 59,172. The capacity of the WRP is 4.0 MGD and discharges B+ effluent to off-site reuse sites under an ADEQ Type 3 Reclaimed Water General Permit and by means of on-site vadose zone recharge wells up to 4.0 MGD. A significant amendment to the APP and an AZPDES/NPDES application have been submitted to ADEQ to allow subsurface discharge within the Queen Creek Wash and to reclassify the effluent to Class A+. The first of four phases of this plant is operating and the second phase is under construction with completion scheduled for summer of 2006. A waiver provides the required setback of 350 feet.

The proposed Copper Basin WRP will be located in Township 3 South, Range 8 East, Section 27, NE ¼. It will serve approximately 10 sections with an estimated population of 51,817. The build-out capacity of the WRP is 6.0 MGD and will discharge Class A+ effluent to off-site reuse sites under an ADEQ Type 3 Reclaimed Water General Permit and by means of on-site recharge basins. The proposed plant will meet the required setback of 350 feet.

Previous amendments did not address a future plant that is now known as the Bella Vista WRP. The proposed Bella Vista WRP will be located in Township 3 South, Range 8 East, Section 16, in the eastern half of the NW ¼. It will serve approximately 11 sections with an estimated population of 39,537. The build-out capacity of the WRP is 6.5 MGD and will discharge Class A+ effluent to off-site reuse sites under an ADEQ Type 3 Reclaimed Water General Permit and

by means of on-site recharge basins. The proposed plant will meet the required setback of 350 feet.

SECTION 3 - SERVICE AREA

The franchised area has a total of 160 square miles. Although the growth in this area has been unprecedented, most of the franchised area remains agricultural or undeveloped state land. 45.3 square miles within the area are not planned to be served by the six (6) water reclamation plants and the proposed Bella Vista plant. The San Tan Mountains Regional Park, Town of Queen Creek, and rural areas being served by individual septic systems, all west of the planned service area, are not being serviced. The far southeast area is within the Town of Florence boundary and is anticipated to be served by the town. The sections not being served along the eastern boundary of Maricopa County are within an area to be served by the Town of Queen Creek.

The service areas for the six (6) water reclamation plants and the proposed Bella Vista plant encompass approximately 50 square miles (46%) that are either owned by the state, federal government, or other entities.

Exhibit 5 shows the franchised area and the planned service areas for each of the water reclamation plants. The following is a list of the Sections to be served by the water reclamation plants:

TABLE 3-1 Sections Served By Water Reclamation Plants					
Plant		Sections			
		Private		State, Federal, Other	
		Full	Partial	Full	Partial
Anthem	T4S R8E	24,25,36	13,14,22,23,34, 35	26,27	13,14,15,18, 23,35
	T4S R9E	19	18,20,30		18
Copper	T3S R8E	13,23,24,25			22,25,26
	T3S R9E	3,17,18,19,20,21	8	4,9,10,15,16	7,8
Pecan	T2S R8E	17,20,21,22,27,28, 29,31,32,33	34		
	T3S R7E		1		
	T3S R8E		6		

TABLE 3-1 Sections Served By Water Reclamation Plants					
Plant		Sections			
		Private		State, Federal, Other	
		Full	Partial	Full	Partial
Precision	T3S R8E		20		
San Tan	T3S R7E	2,11,12	1,10,13,15,22		
	T3S R8E		7		
Section 11	T3S R8E	29,30,36	17,18,19,20,21, 27,28,31	32,33,34,35	7,8,16,17, 18,20,21,22, 25,26,28,29, 31
	T3S R9E	23,28,29,30,31,32,33, 34	26	22,27,35	26
	T4S R9E	1,2,4,11	3,10,12		
	T4S R9E	2,3,4,5,6,8	7,10,11	9	10,11
Bella Vista	T2S R8E		34	23,24,25,26, 35,36	
	T3S R8E	2,3,10,15	5,6,9,11,14,16	1,4,12	5,8,9,11,14

TABLE 3-2 Sections Not Served By Water Reclamation Plants		
Township Range	Sections	
	Full	Partial
T2S R8E	8,16,18,19,30	7,9
T3S R7E	3,4,5,6,7,8,9,14,16,17,18,19,20,21,23,24,25,26,27,28, 29,30,31,32,33,34,35,36	10,13,15,22
T4S R9E	15,16,17,20,21,22,30	23
T4S R8E		34
T5S R8E	3	

SECTION 4 – PROJECTED POPULATION AND WASTEWATER FLOWS

Johnson Utilities has grown from 2,029 customers (dwelling units) in January 2003 to 16,510 in December 2005 which is a 714% change (20% per month). Last year, Johnson Utilities grew at a rate of 91%, adding approximately 660 customers a month to the wastewater collection system. At this rate, the projected number of customers served after 20 years (2025) will be 174,000 and all available private and state land will be built-out by 2030.

This growth rate is exceptional and is greater than any reported by the Population Statistics Unit, Arizona Department of Economic Security, in their June 2005 report (see attached). A similar growth area is the City of Maricopa, Pinal County. In its Financial Statement, June 2005, it was estimated that the growth rate over the next ten years would be 24% per month which is similar to the Johnson Utilities growth rate.

The following table shows the projected service area flows and population for each Section of the planned area based on 187.2 gallons per day per dwelling unit (gpd/du) which is the value ADEQ uses for the daily average flow per dwelling unit for its development of the Johnson Utilities commitment list. The commitment list is used by ADEQ to determine that there is adequate water reclamation capacity at each facility for the subdivisions connected. A subdivision is only issued a *Certificate of Approval for Sanitary Facilities for a Subdivision* by ADEQ, in accordance with Arizona Administrative Code R18-5-407, if there is adequate treatment capacity. A copy of ADEQ's commitment list follows this section.

An analysis of actual flows over the last three years, January 2003 through December 2005, shows that the average daily flow is 133 gpd/du with a standard deviation of 6 gpd/du. Using two standard deviations to ensure that all the daily flow data points are included produces an average daily flow of 145 gpd/du. The low flow is consistent with the facts that the infrastructure is new with little or no infiltration and inflow and all customers are required to use low flow fixtures which significantly reduce flow.

Since the actual flows are less than the design bases of 187.2 gpd/du, the projected water reclamation capacities are conservative and provide a factor of safety of 1.28. As the area develops, actual flows to the plants will dictate their final capacity.

TABLE 4-1				
Population and Flow Projections Per Section At Build-Out				
Section	Population	DU	Average Daily Flow [MGD]	
			187.2 gpd/du	145 gpd/du
San Tan WRP				
T3S R7E				
1	4493	1728	0.32	0.25
2	4792	1843	0.35	0.27
10	374	144	0.03	0.02
11	4792	1843	0.35	0.27
12	5990	2304	0.43	0.33
13	2995	1152	0.22	0.17
15	374	144	0.03	0.02
22	374	144	0.03	0.02
T3S R8E				
7	2995	1152	0.22	0.17
Total	27181	10454	1.96	1.52
Pecan WRP				
T2S R8E				
17	4792	1843	0.35	0.27
20	5990	2304	0.43	0.33
21	1664	640	0.12	0.09
22	4792	1843	0.35	0.27
27	4792	1843	0.35	0.27
28	4792	1843	0.35	0.27
29	4792	1843	0.35	0.27
31	4792	1843	0.35	0.27
32	4792	1843	0.35	0.27
33	2995	1152	0.22	0.17
34	2995	1152	0.22	0.17
T3S R7E				
1	1198	461	0.09	0.07
T3SR8E				
6	1198	461	0.09	0.07
Total	59172	22758	4.26	3.30

TABLE 4-1				
Population and Flow Projections Per Section At Build-Out				
Section	Population	DU	Average Daily Flow [MGD]	
			187.2 gpd/du	145 gpd/du
Precision Golf Course WWTP				
T3S R8E				
20	3355	1290	0.24	0.19
Total	3355	1290	0.24	0.19
Anthem at Merrill Ranch WRP				
T4S R9E				
18	2995	1152	0.22	0.17
19	5990	2304	0.43	0.33
20	1198	461	0.09	0.07
30	749	288	0.05	0.04
T4S R8E				
13	359	138	0.03	0.02
14	2995	1152	0.22	0.17
22	1797	691	0.13	0.10
23	3594	1382	0.26	0.20
24	4792	1843	0.35	0.27
25	4792	1843	0.35	0.27
27	2396	922	0.17	0.13
34	2995	1152	0.22	0.17
35	2396	922	0.17	0.13
36	4792	1843	0.35	0.27
Total	41843	16093	3.01	2.33
Copper Basin WRP				
T3S R8E				
13	5990	2304	0.43	0.33
23	5990	2304	0.43	0.33
24	5990	2304	0.43	0.33
T3S R9E				
3	5990	2304	0.43	0.33
8	2995	1152	0.22	0.17
17	3594	1382	0.26	0.20
18	4792	1843	0.35	0.27
19	4493	1728	0.32	0.25
20	5990	2304	0.43	0.33
21	5990	2304	0.43	0.33
Total	51817	19930	3.73	2.89

TABLE 4-1				
Population and Flow Projections Per Section At Build-Out				
Section	Population	DU	Average Daily Flow [MGD]	
			187.2 gpd/du	145 gpd/du
Section 11 WWTP				
T3S R8E				
17	2995	1152	0.22	0.17
18	2995	1152	0.22	0.17
19	2995	1152	0.22	0.17
20	1498	576	0.11	0.08
21	2995	1152	0.22	0.17
27	4493	1728	0.32	0.25
28	2995	1152	0.22	0.17
29	2995	1152	0.22	0.17
30	2995	1152	0.22	0.17
36	5990	2304	0.43	0.33
T4S R8E				
1	4792	1843	0.35	0.27
2	4792	1843	0.35	0.27
3	2396	922	0.17	0.13
4	4792	1843	0.35	0.27
10	1498	576	0.11	0.08
11	4493	1728	0.32	0.25
12	3594	1382	0.26	0.20
T3S R9E				
23	5990	2304	0.43	0.33
26	2995	1152	0.22	0.17
28	5990	2304	0.43	0.33
29	5990	2304	0.43	0.33
30	5990	2304	0.43	0.33
31	5990	2304	0.43	0.33
32	3594	1382	0.26	0.20
33	3594	1382	0.26	0.20
34	3594	1382	0.26	0.20
T4S R9E				
2	4792	1843	0.35	0.27
3	5391	2074	0.39	0.30
4	5990	2304	0.43	0.33
5	5990	2304	0.43	0.33
6	5990	2304	0.43	0.33
7	2995	1152	0.22	0.17
8	4792	1843	0.35	0.27
10	2995	1152	0.22	0.17
11	1198	461	0.09	0.07

TABLE 4-1				
Population and Flow Projections Per Section At Build-Out				
Section	Population	DU	Average Daily Flow [MGD]	
			187.2 gpd/du	145 gpd/du
Total	143171	55066	10.31	7.98
Bella Vista WRP				
T2S R8E				
34	2396	922	0.17	0.13
T3S R8E				
2	4193	1613	0.30	0.23
3	4193	1613	0.30	0.23
5	1198	461	0.09	0.07
6	4193	1613	0.30	0.23
9	2995	1152	0.22	0.17
10	5990	2304	0.43	0.33
11	2995	1152	0.22	0.17
14	2995	1152	0.22	0.17
15	5990	2304	0.43	0.33
16	2396	922	0.17	0.13
Total	39537	15206	2.85	2.20
TOTAL	366,074	140,798	26.36	20.42

The following table shows the projected service area flows and population for each Section that is presently owned by the state.

TABLE 4-2				
Population and Flow Projections Per Section				
For State Land At Build-Out				
Section	Population	DU	Average Daily Flow [MGD]	
			187.2 gpd/du	145 gpd/du
Section 11 Planned Area				
T3S R8E				
7	2995	1152	0.22	0.17
8	4792	1843	0.35	0.27
16	2995	1152	0.22	0.17
17	2995	1152	0.22	0.17
18	1498	576	0.11	0.08
20	1498	576	0.11	0.08

TABLE 4-2
Population and Flow Projections Per Section
For State Land At Build-Out

Section	Population	DU	Average Daily Flow [MGD]	
			187.2 gpd/du	145 gpd/du
21	2995	1152	0.22	0.17
22	1797	691	0.13	0.10
25	2995	1152	0.22	0.17
26	1198	461	0.09	0.07
28	2995	1152	0.22	0.17
29	2995	1152	0.22	0.17
31	2995	1152	0.22	0.17
32	5990	2304	0.43	0.33
33	5990	2304	0.43	0.33
34	5990	2304	0.43	0.33
35	4792	1843	0.35	0.27
T4S R9E				
9	5990	2304	0.43	0.33
10	1498	576	0.11	0.08
11	4493	1728	0.32	0.25
T3S R9E				
22	5990	2304	0.43	0.33
26	2995	1152	0.22	0.17
27	5990	2304	0.43	0.33
35	5990	2304	0.43	0.33
Total	90455	34790	6.51	5.04
Anthem WRP Planned Area				
T4S R9E				
18	2995	1152	0.22	0.17
T4S R8E				
13	5242	2016	0.38	0.29
14	2995	1152	0.22	0.17
15	2995	1152	0.22	0.17
23	1498	576	0.11	0.08
26	5990	2304	0.43	0.33
35	2995	1152	0.22	0.17
Total	24710	9504	1.78	1.38
Copper Basin WRP Planned Area				
T3S R8E				
22	2995	1152	0.22	0.17

TABLE 4-2 Population and Flow Projections Per Section For State Land At Build-Out				
Section	Population	DU	Average Daily Flow [MGD]	
			187.2 gpd/du	145 gpd/du
25	1797	691	0.13	0.10
26	4792	1843	0.35	0.27
T3S R9E				
4	5990	2304	0.43	0.33
7	4493	1728	0.32	0.25
8	2995	1152	0.22	0.17
9	5990	2304	0.43	0.33
10	5990	2304	0.43	0.33
15	5990	2304	0.43	0.33
16	1198	461	0.09	0.07
Total	42232	16243	3.04	2.36
Bella Vista WRP Planned Area				
T2S R8E				
23	2995	1152	0.22	0.17
24	5990	2304	0.43	0.33
25	5990	2304	0.43	0.33
26	2995	1152	0.22	0.17
35	4193	1613	0.30	0.23
36	3594	1382	0.26	0.20
T3S R8E				
1	0	0	0.00	0.00
4	5990	2304	0.43	0.33
5	4493	1728	0.32	0.25
8	1198	461	0.09	0.07
9	2995	1152	0.22	0.17
11	2995	1152	0.22	0.17
12	3594	1382	0.26	0.20
14	2995	1152	0.22	0.17
Total	50020	19238	3.60	2.79
TOTAL	207,418	79,776	14.93	11.57

TABLE 4-3 Population and Flow Projections At Build-Out			
	Population	DU	Average Daily Flow [MGD]

			187.2 gpd/du	145 gpd/du
Private	366,074	140,798	26.36	20.42
State	207,418	79,776	14.93	11.57
TOTAL	573,492	220,574	41.29	31.99

SECTION 5 - WATER RECLAMATION PLANT

Based on the available land, the total flow to each of the seven water reclamation plants at build-out is provided in Table 5-1. The flows shown are based on ADEQ's current regulatory design capacity of 187.2 gpd/du and on actual flows of 145 gpd/du. Since the actual flows are less than the design bases of 187.2 gpd/du, the projected water reclamation capacities are conservative and provide a factor of safety of 1.28. As the area develops, actual flows to the plants will dictate their final capacity.

TABLE 5-1
Wastewater Flow to Treatment Facilities
At Build-Out

Water Reclamation Plant	Reclaimed Water Class	Service Area Size [mile ²]	Average Daily Flow [MGD]						Proposed Build-Out Capacity
			187.2 gpd/du			145 gpd/du			
			Private Land	State Land	Total	Private Land	State Land	Total	
Anthem	A+	12.1	3.01	1.78	4.79	2.33	1.38	3.71	6.0
Copper Basin	A+	18.2	3.73	3.04	6.77	2.89	2.36	5.25	6.0
Bella Vista	A+	19.3	2.85	3.60	6.45	2.20	2.79	4.99	6.5
Pecan	A+	13.3	4.26	-	4.26	3.30	-	3.30	4.0
Precision	B+	0.4	0.24	-	0.24	0.19	-	.19	0.3
San Tan	A+	5.6	1.96	-	1.96	1.52	-	1.52	2.0
Section 11	A+	45.8	10.31	6.51	16.82	7.98	5.04	13.02	17.0
Total		114.7	26.36	14.93	41.29	20.41	11.57	31.98	41.8

The existing plants have the following treatment technology. The 2.0 MGD San Tan WRP, 3.0 MGD Anthem at Merrill Ranch WRP, and 4.0 MGD Pecan WRP are extended aeration plants with postanoxic endogenous denitrification. Tertiary treatment consists of filtration and disinfection. The 1.6 MGD Section 11 WWTP uses lagoon/wetland technology followed by disinfection. This plant will be replaced by an extended aeration plant with denitrification, filtration and disinfection. The 0.3 MGD Precision WWTP is a sequence batch reactor plant followed by tertiary treatment of filtration and disinfection. The proposed plants, Copper Basin and the Bella Vista site, will be extended aeration plants with denitrification, filtration and disinfection. The proposed Bella Vista WRP will be located in Township 3 South, Range 8 East, Section 16, in the eastern half of the NW ¼.

The water reclamation plants are designed to exceed the treatment performance requirements for a new sewage treatment facility as required by the A.A.C. R18-9-B202 which satisfies the application requirement for BADCT as prescribed by A.A.C. R18-9-A202(A)(5)(E). Table 5-2 presents the treatment criteria included in the design applying the best available demonstrated control technologies.

TABLE 5-2 Treatment Criteria For Application of Best Available Demonstrated Control Technologies		
Parameter	Value	Design
Fecal Coliform Class A+	7-Sample Mean 2.2 CFU/100 ml Single Sample <23	Non-detectible
Fecal Coliform Class B+	4 of last 7 Samples <200 CFU/100 ml	
Turbidity	2 NTU	2 NTU
Total Nitrogen	10 mg/L	8 mg/L
BOD ₅	30 mg/L	10 mg/L
TSS	30 mg/L	15 mg/L
Hazardous Substances	Safe Drinking Water Act MCL	None
Hazardous Substances pursuant to ARS 49-243(I)	None Detectable	None

The following table presents the planned treatment technology for the water reclamation plants at build-out.

TABLE 5-3 Water Reclamation Plant Technology At Build-Out			
Water Reclamation Plant	Capacity [MGD]	Planned Technology	Tertiary Treatment
Anthem	6.0	Extended Aeration/Denitrification	Filtration/Disinfection
Copper Basin	6.0	Extended Aeration/Denitrification	Filtration/Disinfection
Bella Vista	6.5	Extended Aeration/Denitrification	Filtration/Disinfection
Pecan	4.0	Extended Aeration/Denitrification	Filtration/Disinfection
Precision	0.3	SBR w/ Denitrification	Filtration/Disinfection
San Tan	2.0	Extended Aeration/Denitrification	Filtration/Disinfection
Section 11	17.0	Extended Aeration/Denitrification	Filtration/Disinfection

The facilities are designed to produce an effluent meeting either Class A+ or B+ Reclaimed Water Standards. The following briefly describes the treatment facilities that incorporate the best available demonstrated control technologies into the facility.

Headworks: Screens are used to remove coarse materials from the flow stream that could damage subsequent process equipment. The screenings are washed and dried before disposal at an approved landfill. The headworks building has full noise and odor controls.

Aeration and Clarification: biological water reclamation provides the basic treatment elements of aeration, mixing and secondary clarification to exceed the treatment performance requirements for new facilities in accordance with A.A.C. R18-9-B204. The biological treatment process consists of an aerobic nitrification basin followed by a postanoxic endogenous denitrification basin. The wasted sludge is treated in an aerobic digester. These facilities are inherently odorless. Sound enclosures are provided for the air blowers.

Filtration: Filters are part of the tertiary process. They are designed to reduce the total suspended solids in the effluent, or the turbidity. The turbidity of Class A+ reclaimed water at a point in the wastewater treatment process after filtration and immediately before disinfection must be less than two Nephelometric Turbidity Units (NTU). The turbidity of filtered effluent must not exceed five NTU at any time.

Disinfection: UV provides disinfection to produce Class A+ reclaimed water with non-detectable fecal coliform /100 ml in four out of seven samples with a single sample maximum not exceeding 23 cfu/100 ml. Standby liquid chlorination injection system may also be installed.

Sludge Handling: A belt press provides dewatering of the sludge following optional polymer injection to allow disposal at an approved landfill.

The water reclamation plants comply with A.A.C. R18-9-B201(I) that requires full noise, odor, and aesthetic controls. Noise due to the sewage treatment facilities will not exceed 50 decibels

at the facility property boundary. All odor-producing components of the plants will be fully enclosed and have odor scrubbers or other odor control devices installed on all vents. Fencing will be aesthetically matched to that in the area surrounding the facility.

SECTION 6 - EFFLUENT MANAGEMNET

Effluent from the water reclamation plants will be disposed of by reuse and recharge. Surface discharge to waters of the United States is not considered as an option per Pinal County. Effluent will be primarily used for beneficial reuse to the greatest extent possible. Excess effluent is disposed by recharge. The effluent is reused as reclaimed water for irrigation of golf courses, landscaping, and other appropriate uses in accordance with ADEQ's reclaimed water rules. Johnson Utilities distributes its reclaimed water under two "Type 3 Reclaimed Water General Permit for a Reclaimed Water Agent." Reclaimed water can also be used by any person with an appropriate "Type 2 Reclaimed General Permit".

Since reuse is seasonal and variable, the plants are designed with recharge capability. Excess effluent is recharged to the aquifer under ADEQ rules and Arizona Department of Water Resources' (ADWR) underground storage facility and water storage permit rules. The current APP approved treatment capacities and recharge capacities are provided in Table 6-1.

The following table presents proposed methods of discharge:

TABLE 6-1 Water Reclamation Plant Effluent Disposal Methods					
Water Reclamation Plant	APP Approved Capacity Treatment [MGD]	APP Approved Recharge Capacity [MGD]	Build-Out Capacity [MGD]	Preferential Discharge Method	
				1 st Reuse	2 nd Aquifer Recharge
Anthem	3.0	3.0	6.0	Yes	Yes
Copper Basin	-	-	6.0	Yes	Yes
Bella Vista	-	-	6.5	Yes	Yes
Pecan	4.0	4.0	4.0	Yes	Yes
Precision	0.3	-	0.3	Yes	-
San Tan	2.0	2.0	2.0	Yes	Yes
Section 11	2.0	2.0	17.0	Yes	Yes
Total	11.3	11.0	41.8		

Current reuse sites are the Pecan South Subdivision, Oasis Golf Course, Johnson Ranch Golf Course, and the San Tan HOA. Proposed sites are the Precision Golf Course, Anthem at Merrill Ranch Golf Course and HOA, and Johnson Farms Golf course and HOA.

A significant amendment to the Pecan WRP's Aquifer Protection Permit has been submitted to ADEQ to replace the vadose zone recharge wells with a subsurface recharge system in the adjacent Queen Creek wash. Exhibit 6 shows the proposed design of the subsurface leach bed. Two hydrogeologic studies have been completed for the APP. Both studies concluded that there is more than sufficient storage capacity in the aquifer to accommodate the proposed recharge volume of 4.0 MGD. An Underground Storage Facility and Water Storage Permit application has been submitted to Arizona Department of Water Resources by HydroSystems, Inc. for this recharge facility. Johnson Utilities has entered into an Open Space Lease Agreement with the Pecan Creek Community Association to construct, operate and maintain wastewater effluent lines, underground recharge facilities, subsurface basin recharge, and all appurtenant facilities. An AZPDES/NPDES application for discharge into Queen Creek Wash from the Pecan WRP was submitted to ADEQ on September 6, 2005, under LTF # 37536.

SECTION 7 - PERMITTING REQUIREMENTS

The following is a summary of the permitting requirements and processes that have been obtained for the water reclamation plants:

A. Aquifer Protection Permit (APP)

Section 11 WWTP, APP P-103081, issued 9/4/98, 1.6 MGD

Significant amendment for 2.0 MGD approved 4/10/06, LTF # 35634

The significant amendment for Section 11 WWTP replaces the current wetland/lagoon facility with an extended aeration facility. Section 11 WWTP will also need additional APP amendments for capacity beyond 2.0 MGD.

Pecan WRP, APP P-105324, issued 6/1/05, 4.0 MGD

Significant amendment for subsurface discharge below Queen Creek was submitted 6/12/06, LTF # 37771.

San Tan WRP, APP P-105325, issued 4/26/06, 2.0 MGD

Precision Golf Course WWTP, APP P-105004, issued 4/8/04, 0.3 MGD

Anthem at Merrill Ranch WRP, APP P- 105646, issued 6/30/06, 3.0 MGD

Copper Basin WRP, APP application submitted 5/4/06 for 3.0 MGD

Bella Vista WRP, APP application will be submitted in a timely manor to ensure adequate capacity is available for planned subdivisions

Pretreatment for pollutants regulated by A.R.S. § 49-243(I) is required by the APP rules. Compliance is accomplished by means of periodic monitoring to detect industrial discharge. A.A.C. R18-9-B204(6)(b)(iii).

B. Reclaimed Water Permit

ADEQ Type 3 Reclaimed Water General Permit, Agent, R-105412, issued to Johnson Utilities to act as reclaimed agent for Class B+ on 7/19/06.

ADEQ Type 3 Reclaimed Water General Permit, Agent, R-105778, issued to Johnson Utilities to act as reclaimed agent for Class A+ on 7/19/06.

C. Section 208 Plan Amendment

This document will serve as the 208 Water Quality Plan Amendment for Johnson Utilities Company, L.L.C.

D. Arizona Pollution Discharge Elimination System Permit (AZPDES/NPDES)

An AZPDES/NPDES application for discharge into Queen Creek Wash from the Pecan WRP was submitted to ADEQ on September 6, 2005, under LTF # 37536. In accordance with ADEQ, this permit is necessary for the subsurface discharge into Queen Creek.

E. Stormwater Pollution Prevention Plan (AZPDES/NPDES)

A Stormwater Pollution Prevention Plan (SWPPP) authorization, AZCON-17018, was issued 11/18/05 for the Anthem WRP. A SWPPP will be obtained for all WRP construction where more than 1 acre is disturbed. Stormwater retention is provided at all Johnson Utilities' WRP facilities.

F. Dredge and Fill (404) Permit (CWA Section 404)

A Jurisdictional Delineation Request for the subsurface discharge into Queen Creek adjacent to the Pecan WRP has been submitted to the U.S. Army Corps of Engineers on 6/23/06.

G. Air Quality Permit

A Pinal County Dust Permit was issued for the Anthem WRP project. Johnson Utilities maintains a general dust permit for construction of utility lines throughout the service area.

If H₂S emissions exceed 5.5 lbs/day, or the emergency generator is greater than 325 bhp, an air quality permit is required for the affected WRP.

H. Sludge Management

The sewage sludge, defined as solid waste per A.R.S. §49-701.01(A), from the water reclamation plants will be disposed at an ADEQ approved landfill. The sewage sludge will be stabilized and dewatered prior to disposal.

If the sewage sludge is converted into biosolids for land application, it will be done in accordance with 18 A.A.C. 18, Article 10, Arizona Pollutant Discharge Elimination System - Disposal, Use, and Transportation of Biosolids. Biosolids is defined as sewage sludge, including exceptional quality biosolids that is placed on, or applied to the land to use the beneficial properties of the material as a soil amendment, conditioner, or fertilizer.

SECTION 8 - CONSTRUCTION

At build-out, Johnson Utilities will be serving approximately 220,574 customers with a population of 573,492. The reader is referred to Table 4-3. The actual wastewater flow at build-out will be between 32 MGD and 41 MGD depending on the ultimate demographics. At the current rate of expansion, the Johnson Utilities service area will be built-out by 2031.

The water reclamation plants are owned, operated, and constructed by Johnson Utilities. They are constructed in phases as the wastewater flows increase. ADEQ requires the start of each additional phase when the operating flows reach 75% of the constructed capacity.

TABLE 8-1 Water Reclamation Plant Construction Phases						
Water Reclamation Plant	Number of Phases	Capacity of Each Phase [MGD]	Constructed Capacity [MGD]	Under Construction [MGD]	Total	Operating Flows at End of 6/06 [MGD]
Anthem	4	1.5	-	1.5	6.0	-
Copper Basin	4	1.5	-	-	6.0	-
Bella Vista	-	-	-	-	6.5	
Pecan	4	1.0	1.0	1.0	4.0	0.759
Precision	1	0.3	0.3	-	0.3	-
San Tan	2	1.0	1.0	1.0	2.0	0.376
Section 11	8.5	2.0	1.6	-	17.0	1.251
Total			3.9	3.5	41.8	2.386

SECTION 9 - ENVIRONMENTAL IMPACTS AND BENEFITS

The water reclamation plants planned for the Johnson Utilities service area will provide benefits to the area and reduce the impacts to the environment.

- Centralized water reclamation plants are provided in planned areas that will use the effluent for recreation and landscaping purposes.
- Excess effluent will be used to replenish the aquifer providing sustainability.
- Excess effluent discharged to waters of the United States will be done in a manor that prevents standing water to eliminate mosquito born diseases.
- The plants reduce the potential for groundwater contamination from the overuse of on-site water reclamation systems.
- The plants will allow for expansion in the area in an environmentally safe manner.
- The development of new communities will provide affordable homes in master planned communities. Commercial uses to serve the new communities will provide an increase in tax and employment base for Pinal County.
- The plants produce effluent that meets the aquifer water quality standards and surface water quality standards when required.

SECTION 10 - PROJECT FINANCING

Johnson Utilities, LLC operates as a sewer utility under Title 14, Article 6 of the Arizona Administrative Code regulated by the Arizona Corporation Commission (ACC). Johnson Utilities' tariff (ACC Docket U-2987) allows for a hook up fee (HUF) of \$1000 per residential dwelling unit and more for commercial and school sites to be used for the construction of all off-site infrastructures. At buildout there will be at least 220,000 dwelling units which will have paid \$220,000,000. Developers of proposed subdivisions pay this fee prior to construction of the subdivision, normally at the time the sewer service agreement is signed for each phase of the development.

Johnson Utilities is responsible for the construction, operation, and maintenance of the water reclamation plants within the franchised area. The water reclamation plants constructed to date have cost on an average of \$5/gallon to construct. At build-out it is estimated that there will be 42.8 MGD of treatment capacity. At \$5/gallon the total cost of the plants would be approximately \$214,000,000. As shown, the anticipated HUF funds provide adequate capital funding for the construction of the water reclamation plants at buildout.

The minimum monthly residential fee is \$38.50. At buildout the estimated annual operating income will be \$101,640,000 to cover expenses to operate both the wastewater collection system and the WRP.

APPENDIX A
208 AMENDMENT CHECKLIST

JOHNSON UTILITIES, L.L.C.
208 AMENDMENT CHECKLIST
January 2006

AUTHORITY

1. **Requirement:** Proposed Designated Management Agency (DMA) shall self-certify that it has the authorities required by Section 208(c)(2) of the Clean Water Act to implement the plan for its proposed planning and service areas. Self-certification shall be in the form of a legal opinion by the DMA or entity attorney.

Summary: Johnson Utility Company is not a DMA but has the authority to implement the plan in those areas that are served outside of either the Town of Queen Creek or the Town of Florence. This will be addressed in an addendum to this amendment.

Addressed on Page: -

20-YEAR NEEDS

2. **Requirement:** Clearly describe the existing wastewater (WW) treatment facilities:

Summary: The 2.0 MGD San Tan WRP, 4.0 MGD Pecan WRP, 3.0 MGD Anthem WRP, proposed 6.0 MGD Copper Basin, and proposed 6.5 MGD Bella Vista WRP are extended aeration plants with postanoxic endogenous denitrification. Tertiary treatment consists of filtration and disinfection. The 1.6 MGD Section 11 WWTP uses lagoon/wetland technology followed by disinfection. The 0.3 MGD Precision WWTP is a sequence batch reactor plant followed by tertiary treatment of filtration and disinfection.

Addressed on Page: 1,2,3,4

3. **Requirement:** Show WWTP certified and service areas for private utilities and sanitary district boundaries if appropriate.

Summary: The current Franchise Area is shown in Exhibit 2. The existing CC&N boundaries and pending CC&N areas are as shown in Exhibit 4.

Addressed on Page: Exhibit 2 and 4

4. **Requirement:** Clearly describe alternatives and the recommended WWTP plan:
- Provide POPTAC population estimates (or COG-approved estimates only where POPTAC not available) over 20-year period.

Summary: POTCAC figures are unavailable for unincorporated areas. Population projections are provided based on historical growth in the service area.

Addressed on Page: 10-16

5. **Requirement:** Provide wastewater flow estimates over the 20-year planning period.

Summary: Wastewater flows are projected within the service area of each water reclamation plant. Build-out is projected to take 25 years based on the rapid growth rate recently experienced. If the growth rate slows, then the 20-year estimates would be significantly less than shown below.

20-Year Projected Wastewater Flow							
Water Reclamation Plant	Average Daily Flow [MGD]						Proposed Build-Out Capacity
	187.2 gpd/du			145 gpd/du			
	Private Land	State Land	Total	Private Land	State Land	Total	
Anthem	3.01	1.78	4.79	2.33	1.38	3.71	6.0
Copper Basin	3.73	3.04	6.77	2.89	2.36	5.25	6.0
Bella Vista	2.85	3.60	6.45	2.20	2.79	4.99	6.5
Pecan	4.26	-	4.26	3.30	-	3.30	4.0
Precision	0.24	-	0.24	0.19	-	.19	0.3
San Tan	1.96	-	1.96	1.52	-	1.52	2.0
Section 11	10.31	6.51	16.82	7.98	5.04	13.02	17
Total	26.36	14.93	41.29	20.41	11.57	31.98	41.8
20-Year Estimate	20.00	12.00	33.00	16.00	9.25	25.50	-

Addressed on Page: 10-16

6. **Requirement:** Illustrate the WWT planning and service areas.

Summary: The planning area is the franchise area and the service areas for the treatment plants are within the franchise area for Johnson Utilities. These are illustrated on the enclosed exhibits.

Addressed on Page: Exhibit 1- 4

7. **Requirement:** Describe the type and capacity of the recommended WWTP Plant.
- Summary:** All WRPs are equipped with extended aeration with denitrification and tertiary filtration and disinfection, except the Precision plant, which is a sequencing batch reactor.
- Addressed on Page:** 17 - 20
8. **Requirement:** Identify water quality problems, consider alternative control measures, and recommend solution for implementation.
- Summary:** Johnson Utilities is the drinking water provider in the majority of the franchise area. The water distribution system receives 100% of its source water from the underlying aquifer. The source water meets or exceeds ADEQ drinking water standards, There are no water quality problems. Effluent is treated to A+ standards to maintain the current quality.
- Addressed on Page:** Table 5-2
9. **Requirement:** If private WWTP utilities with certificated areas are within the proposed regional service area, define who (municipal or private utility) serves what area and when. Identify whose sewer lines can be approved in what areas and when?
- Summary:** Johnson Utilities is the sole provider of sewage collection and treatment within the franchise area. The Corporation Commission issues Johnson Utilities a CC&N for areas when service has been requested within the approved 208 plan,
- Addressed on Page:** Exhibits 1 and 2
10. **Requirement:** Describe method of effluent disposal and reuse sites (if appropriate).
- Summary:** The treated effluent will be used for irrigation on golf courses and within open spaces and landscaping within the developments. Excess effluent will be recharged to the aquifer. The Pecan Plant will recharge excess effluent to the aquifer by a subsurface disposal in the Queen Creek Wash.
- Addressed on Page:** 20 - 21
11. **Requirement:** If Sanitary Districts are within a proposed planning or service area, describe who serves the Sanitary Districts and when.

- Summary: There are no sanitary districts within the franchise area.
- Addressed on Page: -
12. **Requirement:** Describe the ownership of land proposed for plant sites and reuse areas.
- Summary: The plant sites and recharge facilities are owned or leased by the utility. Reuse sites within the developments will be owned by home owners associations, golf courses, and other are privately owned facilities.
- Addressed on Page: 20 - 21
13. **Requirement:** Address time frames in the development of the treatment works.
- Summary: Plant construction is based on the growth within the service area. At build-out there will approximately 220,000 dwelling units within the service area. At the current growth rate, there will be 174,000 dwelling units in 20 years.
- Addressed on Page: 17, 25
14. **Requirement:** Address financial constraints in the development of the treatment works.
- Summary: There are no financial constraints in the development of the treatment works. Johnson Utilities will finance development through user fees.
- Addressed on Page: 27
15. **Requirement:** Describe how discharges will comply with EPA municipal and industrial stormwater discharge regulations (Section 405, CWA).
- Summary: A AZPDES/NPDES permit for discharge into the Queen Creek has been submitted to ADEQ. Sludge at the plants will be stabilized and dewatered for disposal at a landfill.
- Addressed on Page: 1, 2, 3, 24, 26
16. **Requirement:** Describe how open areas and recreational opportunities will result from improved water quality and how those will be used.

Summary: Effluent will be used to irrigate golf courses and open landscape areas within the developments in accordance with ADEQ's reclaimed water rules.

Addressed on Page: 20, 21

17. **Requirement:** Describe potential use of lands associated with treatment works and increased access to water-based recreation, if applicable.

Summary: No water based recreation will be established or enhanced due to the water reclamation works.

Addressed on Page: N/A

REGULATIONS

18. **Requirement:** Describe types of permits needed, including AZPDES/NPDES, APP and reuse.

Summary: Needed are Aquifer Protection Permits, AZPDES/NPDES (NPDES) construction and discharge permits, Reclaimed Water Permits, Air Quality Permits, Storm Water Pollution Protection Permit, and Construction Permits.

Addressed on Page: 22 - 24

19. **Requirement:** Describe restrictions on AZPDES/NPDES permits, if needed, for discharge and sludge disposal.

Summary: If an AZPDES/NPDES is required for recharge below waters of the United States, the discharge is to be subsurface, thereby eliminating the threat of diseases associated with standing water. All sludge is sent to a State approved landfill. Biosolids are not produced at any of the facilities.

Addressed on Page: 23

20. **Requirement:** Provide documentation of communication with ADEQ Permitting Section 30 to 60 days prior to public hearing regarding the need for specific permits.

Summary: No specific ADEQ permit is required at this time. As shown in Table 2-1, Aquifer Protection Permits have been issued or are pending for 5 of the 6 water reclamation plants.

- Addressed on Page: Table 2-1
21. **Requirement:** Describe pre-treatment requirements and method of adherence to requirements (Section 208 (b)(2)(C)(iii), CWA).
- Summary: Pretreatment for pollutants regulated by A.R.S. § 49-243(I) is required by the APP rules. Compliance is accomplished by means of periodic monitoring to detect industrial discharge. A.A.C. R18-9-B204(6)(b)(iii).
- Addressed on Page: See 2003 CAAG Amendment, Pages 27 & 28.
22. **Requirement:** Identify, if appropriate, specific pollutants that will be produced from excavations and procedures that will protect ground and surface water quality (Section 208 (b)(2)(K) and Section 304, CWA).
- Summary: No pollutants will be produced as a result of excavation or construction.
- Addressed on Page: -
23. **Requirement:** Describe alternatives and recommendation in the disposition of sludge generated. (Section 405 CWA)
- Summary: Sludge will be stabilized and dewatered prior to disposal at a landfill.
- Addressed on Page: 19, 23, 24
24. **Requirement:** Define any non-point issues related to the proposed facility and outline procedures to control them.
- Summary: None. All potential non-point source pollution will be prevented.
- Addressed on Page: -
25. **Requirement:** Define the process to handle all mining runoff, orphan sites and underground pollutants, if applicable.
- Summary: There are no mining sites or orphan sites that will affect the water reclamation plants.
- Addressed on Page: -

26. **Requirement:** If mining related, define where collection of pollutants has occurred, and what procedures are going to be initiated to contain contaminated areas.

Summary: There are no mining sites that will affect the water reclamation plants.

Addressed on Page: -

27. **Requirement:** If mining related, define what specialized procedures will be initiated for orphan sites, if applicable.

Summary: There are no mining sites or orphan sites that will affect the water reclamation plants.

Addressed on Page: -

CONSTRUCTION

28. **Requirement:** Define construction priorities and time schedules for initiation and completion.

Summary: See Table 2-1 for the current status of each water reclamation plant. The construction of additional capacity will be predicated on the development of new subdivisions and the current operational load of each facility. The Aquifer Protection Permits required construction of additional phases to start when the operational flow is at 75% of the existing phases/s capacity. Build-out is estimated to be within 25 years. See Table 8-1 for treatment plant construction phases.

Addressed on Page: 17-19, 25

29. **Requirement:** Identify agencies who will construct, operate and maintain the facilities and otherwise carry out the plan.

Summary: Johnson Utilities will construct and operated the wastewater collection systems and water reclamation plants.

Addressed on Page: -

30. **Requirement:** Identify construction activity-related sources of pollution and set forth procedures and methods to control, to the extent feasible, such sources.

Summary: The contractor and Johnson Utilities shall comply with all ADEQ and AZPDES/NPDES regulations, County Dust Permits, and any other municipal ordinances related to sources of pollution.

Addressed on Page: 23, 24

FINANCING AND OTHER MEASURES NECESSARY TO CARRY OUT THE PLAN

31. **Requirement:** If plan proposes to take over certificated private utility, describe how, when and financing will be managed.

Summary: The Arizona Corporation Commission is in the process of having the AUSS CC&N transferred to Johnson Utilities. This is a result of AUSS filing for bankruptcy. It is estimated that the transfer will be approved before the end of August 2006. There are no plant costs to Johnson Utilities. Plant facilities were deeded to Johnson Utilities by the bankruptcy court. Operation and maintenance of the transferred AUSS system will be financed by the monthly residential fee.

Addressed on Page: 8, 27

32. **Requirement:** Describe any significant measure necessary to carry out the plan, e.g., institutional, financial, economic, etc.

Summary: Johnson Utilities will have a CC&N prior to installation of any wastewater collection systems within approved 208 areas. Johnson Utilities is financially responsible for the construction of the water reclamation plants and wastewater collection system infrastructure.

Addressed on Page: 27

33. **Requirement:** Describe proposed method(s) of community financing.

Summary: Developers are responsible for wastewater collection systems within subdivisions. Johnson Utilities will have a CC&N and complete the water reclamation plants and off-site infrastructures through fees established by the CC&N.

Addressed on Page: 27

34. **Requirement:** Provide financial information to assure DMA has financial capability to operate and maintain wastewater system over its useful life.

Summary: Johnson Utilities is not a Designated Management Agency

Addressed on Page: N/A

35. **Requirement:** Provide a time line outlining period of time necessary for carrying out plan implementation.

Summary: Construction of the water reclamation plants will be predicated on the development of new subdivisions and the current operational load of each facility. The plants will be expanded when the operational flow reaches 75% of the constructed capacity. Build-out is estimated to be within 25 years.

Addressed on Page: 25

36. **Requirement:** Provide financial information indicating the method and measures necessary to achieve project financing. (Section 201 CWA or Section 604 may apply.)

Summary: Johnson Utilities operates as a sewer utility under Title 14, Article 6 of the Arizona Administrative Code regulated by the Arizona Corporation Commission (ACC). Johnson Utilities' tariff (ACC Docket U-2987) allows for a hook up fee (HUF) of \$1000 per residential dwelling unit and more for commercial and school sites to be used for the construction of all off-site infrastructures. Developers of proposed subdivisions pay this fee prior to construction of the subdivision, normally at the time the sewer service agreement is signed for each phase of the development.

Addressed on Page: 27

IMPLEMENTABILITY

37. **Requirement:** Describe impacts and implementability of Plan:

Describe impacts on existing wastewater (WW) facilities, e.g., sanitary district, infrastructure/facilities and certificated areas.

Summary: Johnson Utilities owns and operates the existing and proposed WWTPs. There are no other sanitary districts or Arizona Corporation Commission certificated areas within Johnson Utilities' franchise area.

Addressed on Page: 25

38. **Requirement:** Describe how and when existing package plants will be connected to a regional system.

Summary: AUSS operated two water reclamation plants. The Links WWTP and the Centex WWTP were approved to treat 150,000 gpd and 65,000 gpd respectively. The Centex WWRP was closed and removed several years ago. In 2004 ADEQ requested Johnson Utilities to start treating the sewage normally served by the Links WWTP to relieve the intolerable situation at the Links WWTP. The plants will be clean closed after the transfer of AUSS's CC&N to Johnson Utilities.

Addressed on Page: 5, 7, 8

39. **Requirement:** Describe the impact on communities and businesses affected by the plan.

Summary: It will allow the area to accommodate more growth in a manner that is protective of the environment and public health. It also allows the development of new communities that will meet the growing demand for affordable housing. Commercial entities within the development will provide and increase in tax and employment base for Pinal County.

Addressed on Page: 26

40. **Requirement:** If a municipal wastewater (WWT) system is proposed, describe how WWT service will be provided until the municipal system is completed; i.e., will package plants and septic systems be allowed and under what circumstances. (Interim services.)

Summary: Johnson Utilities is not a municipal wastewater provider.

Addressed on Page: N/A

PUBLIC PARTICIPATION

41. **Requirement:** Submit copy of mailing list used to notify the public of the public hearing on the 208 amendment. (40 CFR, Chapter 1, Part 25.5)

Summary: Provided by CAAG.

Addressed on Page: N/A

42. **Requirement:** List location where documents are available for review at least 30 days before public hearing.

Summary: Provided by CAAG.

Addressed on Page: N/A

43. **Requirement:** Submit copy of the public notice of the public hearing as well as an official affidavit of publication from the area newspaper. Clearly show the announcement appeared in the newspaper at least 45 days before the hearing.

Summary: Provided by CAAG.

Addressed on Page: N/A

44. **Requirement:** Submit affidavit of publication for official newspaper publication.

Summary: Provided by CAAG.

Addressed on Page: N/A

45. **Requirement:** Submit responsiveness summary for public hearing.

Summary: Provided by CAAG.

Addressed on Page: N/A

APPENDIX B
ADEQ and CAAG CORRESPONDANCE

NOTICE OF PUBLIC HEARING ON THE DRAFT CENTRAL ARIZONA ASSOCIATION OF GOVERNMENTS (CAAG) 208 AREAWIDE WATER QUALITY MANAGEMENT PLAN UPDATE AMENDMENT FOR THE EXPANSION OF THE WASTEWATER RECLAMATION PLANTS AND SERVICE AREA FOR JOHNSON UTILITIES COMPANY, LLC, LOCATED IN UNINCORPORATED PINAL COUNTY, ARIZONA.

The Central Arizona Association of Governments (CAAG) will conduct a public hearing on:

DATE: Monday, September 11, 2006
TIME: 3:00 pm
PLACE: Queen Creek Unified School District Board Room
20740 S. Ellsworth Road
Queen Creek, AZ 85242

The purpose of this hearing is to discuss and comment on the Draft CAAG 208 Areawide Water Quality Management Plan (AWWQMP) Update Amendment. The hearing will address the expansion of Wastewater Reclamation Plants (WRPs) and service area for Johnson Utilities Company, LLC, currently in the planning stages. The service area, currently 146 square miles, will be increased by 14 square miles, to 160 square miles total. The additional area is located within the franchise area for Johnson Utilities Company, in the area known as San Tan and Johnson Ranch. The added area is predominantly located along Rittenhouse Road, south of Hash Knife Draw Road, north of Bella Vista Road, and will be served by the proposed Bella Vista WRP. The Bella Vista WRP will be located in Section 9, Township 3 South, Range 8 East, east of the Salt and Gila River Baseline and Meridian. Johnson Utilities Company, LLC will be the wastewater reclamation provider.

The proposed amendment will also address changes to the Pecan WRP, located at 38539 N. Gantzel Road, Queen Creek, AZ, Northwest quarter of Section 29, Township 2 South, Range 8 East, east of the Salt and Gila River Baseline and Meridian. The capacity of the Pecan WRP at build out is 4.0 million gallons per day (MGD). Effluent will be used primarily by reuse, or recharge using subsurface discharge wells, located in Queen Creek Wash, adjacent to the Pecan WRP.

Additionally, this amendment delineates all current service provided by and proposed service to be provided by Johnson Utilities Company, LLC. At build out, the bulk of the service area will serve 220,574 dwelling units on 160 square miles, with a total capacity of 41.8 MGD.

The proposed plan amendment addresses issues related to wastewater collection and treatment for Johnson Utilities Company, LLC, as it prepares for development and anticipated growth. The Draft 208 Plan Amendment consists of a description of the above listed information including flow projections and wastewater system infrastructure requirements.

Written comments may be submitted to CAAG no later than 5:00 pm on September 11, 2006. A summary of the public comments received will be submitted as part of the Amendment Package to the Arizona Department of Environmental Quality (ADEQ) for further consideration.

Written and verbal comments are welcome at the Public Hearing. A copy of the Draft 208 Plan Amendment for the Johnson Utilities Company, LLC Wastewater Reclamation Plant and Service Area Expansion is available for public review at the CAAG Office Building, located at 271 Main Street, Superior, Arizona 85273, and Queen Creek Town Hall, 22350 S. Ellsworth Road, Queen Creek, AZ 85242, from 8:00 am to 5:00 pm, Monday through Friday, beginning Friday, August 11, 2006.

For further information, or to submit written comments on the Draft 208 Amendment prior to the hearing, contact J. Peter Armenta, CAAG, 271 Main Street, Superior, Arizona 85273, or call at (520) 689-5004, or toll free at (800) 782-1445, or by e-mail at jparmenta@caagcentral.org.

Apache Junction Independent: Publish once as a legal ad the week of September 18, 2006.



**Pinal County
Development Services
Office of the Assistant County Manager**

P.O. Box 2167
31 North Pinal Street, Bldg F
Florence, Arizona 85232

AIR QUALITY ♦ BUILDING SAFETY ♦ ENVIRONMENTAL HEALTH ♦ PLANNING & DEVELOPMENT ♦ PUBLIC WORKS

July 20, 2006

Maxine L. Leather, Executive Director
Central Arizona Association of Governments (CAAG)
Historic Belmont Building
271 Main Street
Superior, Arizona 85273

Re: CAAG 208 Area-wide Water Quality Plan Amendment

Dear Ms. Leather:

Pinal County has reviewed the Johnson Utilities L.L.C. March 30, 2006 208 Area-wide Water Quality Plan and made significant comment to various issues raised as well as overlapping boundaries with the Town of Queen Creek. Johnson Utilities L.L.C. responded adequately with revisions to the document and has remedied the overlap issue. Pinal County has reviewed the subsequent text changes and authorizes CAAG to initiate the CAAG 208 Area-wide Water Quality Plan Amendment process for the Johnson Utility L.L.C. March 30, 2006 Amendment

Sincerely,

A handwritten signature in black ink that reads "Ken Buchanan".

Ken Buchanan
Assistant County Manager
for Development Services

cc: Pinal County Board of Supervisors
Terry Doolittle, Pinal County Manager
J. Peter Armenta, CAAG Environmental Planner
Brian Tompsett, Johnson Utilities, L.L.C.



July 17, 2006

Ken Buchanan
Assistant County Manager
Pinal County
31 N. Pinal Street
Florence, AZ 85232

Ref: Johnson Utilities, L.L.C. March 30, 2006, Proposed Amendment to the CAAG 208
Areawide Water Quality Management Plan Update - 1994

Dear Mr. Buchanan:

Specific Engineering, L.L.C. on behalf of Johnson Utilities, L.L.C. has reviewed your July 6, 2006, letter to J. Peter Armenta, Environmental Planner, Central Arizona Association of Governments (CAAG). Our response follows in the same order as your letter.

1. Adequacy of "Capacity Analysis"

The amendment has been revised to state "The San Tan Mountains Regional Park, Town of Queen Creek, and rural areas being served by individual septic systems, all west of the planned service area, are not being serviced. The far southeast area is within the Town of Florence boundary and is anticipated to be served by the town. The sections not being served along the eastern boundary of Maricopa County are within an area to be served by the Town of Queen Creek." Johnson Utilities does not see any benefit to developing a schedule itemizing the location, size, and ownership of other parcels falling outside of this amendment and all previous amendments. Exhibits 3 -5 will be modified to clearly show the areas not planned to be served within the franchise area.

2. The proposed 6.5 MGD "floater" WWTP facility is problematic.

The proposed future WRP is currently shown in the Bella Vista planned area development (PAD) to be located in Township 3 South, Range 8 East, Section 16, in the eastern half of the NW ¼. The amendment has been revised naming the future WRP as the Bella Vista WRP. Exhibit 7 has been added showing the location within the PAD.

3. Proposal for System-wide Surface Discharges.

The amendment has been revised removing any language that appeared to indicate that there would be surface discharge into waters of the United States under an AZPDES/NPDES permit. Based on our previous meeting, January 25, 2006, we clearly understood that the County did not

indorse any surface discharge into waters of the United States. This amendment revision stipulates that effluent will be primarily used for beneficial reuse to the greatest extent possible. Excess effluent is disposed by recharge.

4. Proposal for Discharge to Queen Creek.

The request to discharge into Queen Creek is for a subsurface discharge facility. An Aquifer Protection Permit application for the facility has been submitted to the Arizona Department of Environmental Quality. Included with the application was a hydrologic report prepared by HydroSystems, Inc. An application to use this facility as an Underground Storage Facility has also been submitted to the Arizona Department of Water Resources which also required a hydrologic report.

The initial application for the Pecan WRP also required a hydrologic report. The hydrogeologic studies concluded that there is more than sufficient storage capacity in the aquifer to accommodate the proposed recharge volume of 4.0 MGD.

Your concern that soil conditions may not be adequate to actually percolate the proposed 4.0 MGD is understandable. You have also requested to "first see a competent hydrological study" before the County will support a "sub-surface NPDES discharge into Queen Creek. In other words, the County wants to review hydrologic reports prepared for the agencies that have authority to deny or approve the subsurface facility before giving support.

The APP issued for this facility will not allow any surfacing of effluent and will contain operation and maintenance items to ensure compliance. This means of disposal is secondary to the preferred means of disposal by means of reuse and will be used accordingly. We respectfully request that this request to review a hydrologic report be removed by the county.

5. Errata

The definitions for "Franchise Area", "Service Area", and "Plan Area" have been incorporated into the revised amendment.

The exhibits have been revised to show the areas within the franchise area that will not be served. The exhibits will be posted on an acceptable web site to be seen in a larger format than the 8 1/2" x 11" provided in the amendment.

Section 4, the population served by the Precision WWTP has been corrected to read 3,355.

Section 7 has been revised by adding the permitting requirements for air permits.

Section 10 has been corrected by showing the operating income is \$101,640,000/yr.

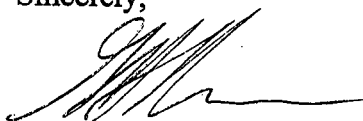
6. Conclusion

Ken Buchanan
July 17, 2006
Page 3

Johnson Utilities thanks you for supporting our effort to develop a comprehensive, long-term plan for the wastewater infrastructure within the franchise area. We are confident that you will find that the revised amendment addresses your issues.

Please review and provide any comments on the technical aspects and completeness of the draft amendment. If you should have any questions, please contact me at (480) 596-6335.

Sincerely,

A handwritten signature in black ink, appearing to read 'G. Brown', with a long horizontal flourish extending to the right.

Gregory H. Brown

Cc: J. Peter Armenta, CAAG
Terry Doolittle, Pinal County Manager
Brian Tompsett, Johnson Utilities, LLC



**Pinal County
Development Services
Office of the Assistant County Manager**

P.O. Box 2167
31 North Pinal Street, Bldg F
Florence, Arizona 85232

AIR QUALITY • BUILDING SAFETY • ENVIRONMENTAL HEALTH • PLANNING & DEVELOPMENT • PUBLIC WORKS

July 6, 2006

J. Peter Armenta, Environmental Planner
Central Arizona Association of Governments
271 Main Street
Superior, Arizona 85273

**Re: Review of Johnson Utilities, L.L.C. March 30, 2006
proposed Amendment to the CAAG 208 Areawide
Water Quality Management Plan**

Dear Mr. Armenta:

This constitutes Pinal County's comment-response with respect to the revision proposal identified above.

Initially, we appreciate the effort by Johnson Utilities to develop a comprehensive vision for wastewater services for the area. However, we have a number of concerns:

- First, we still have questions regarding the overall "capacity analysis."
- Second, the proposal fails to define a location for a "future" 6.5 MGD facility.
- Third, we are not comfortable with the proposed general abandonment of JUC's prior commitments to avoid surface discharge of treated effluent.
- Fourth, with respect to the proposed sub-surface NPDES discharge into Queen Creek, we would like to see a meaningful technical analysis that shows that the proposed flows percolate and not bubble to the surface.
- Lastly, we have a number of miscellaneous and editorial comments.

1. Adequacy of "Capacity Analysis"

The analysis of capacity need starts with a projected "service area" of 160 square miles. The analysis then discounts need for service to 51 square miles, and invokes an anticipated density of 3.16 units per acre to project a total of 220,574 dwelling units at build-out. After considering a range of possible effluent-generation rates, the analysis projects an aggregate need for treatment capacity in the range of 32 to 41.3 million-

gallons-per-day ("MGD").

However, the analysis lacks detail regarding the reasons why the excluded 51 square mile area will not require service. While the San Tan Regional Park constitutes part of that area, it would be beneficial to see a schedule itemizing the location, size and ownership of other parcels falling within those "excluded areas."

2. The proposed 6.5 MGD "floater" WWTP facility is problematic

The capacity analysis ends with a proposal for specific plant sizes that will collectively provide the necessary capacity. However, that projection falls short in providing for a 6.5 MGD "future plant" without defining a specific location for that facility. A §208 plan should provide for a specific location for something as significant as a 6.5 MGD wastewater treatment plant.

3. Proposal for System-wide Surface Discharges

The current proposal would allow for off-site discharges from each of the plants covered under the plan. With the exception of the Pecan Ranch WRP, which is discussed below, this proposal does not offer specific detail about the location, timing, duration or volume of the proposed discharges.

Pinal County has now come to appreciate that in normally dry desert areas, proposals for off-site discharge of treated effluent raises specific planning issues. Those planning issues arise separate and apart from the technical water quality issues addressed under the NPDES permitting process. Even when properly treated, off-site discharge of reclaimed water may threaten adverse impacts on persons and places lying downstream from the outfall. For example, ponding, vectors, erosion, invasive plant growth and other nuisance impacts are all possible. Of course, the extent of those impacts will directly reflect the quantity and duration of a specific proposed discharge.

Until November 2005, §208 plan revision proposals presented by or on behalf of Johnson Utilities shared a common thread: all promised to achieve 100% re-use or re-charge of treated effluent. All of those applications promised that off-site discharges would not occur. For example, the application for "Amendment No. 4," approved by the CAAG Regional Council in September of 2001 and covering the Circle Cross, San Tan, Mystic Lakes and Copper Basin facilities, including the following at page 58:

"A NPDES permit is required for wastewater effluent to be discharged to surface waters of the United States. A NPDES Permit for effluent discharges to the waters of the United States is not anticipated to be required for these projects."

Letter to J. Peter Armenta

July 6, 2006

Page 3

The initial approval of each of the now-existing plants was based on a promise that off-site discharges would not occur. Accordingly, the current proposal requesting blanket approval of off-site discharges for substantially expanded facilities newly raises a question of who, what and where will be affected by those discharges.

At a minimum, planning requires consideration of future impacts. Meaningfully assessing possible impacts for effluent discharges requires a clear identification of the proposed outfall locations and delineation of the affected reaches of the recipient watercourses. Accordingly, this proposal should be revised to provide that information.

Fairness dictates that those who may be directly affected by the discharges are entitled to meaningful notice. The discharges proposed here may not actually commence for years or even decades. It would take rank speculation to project what development patterns may look like decades from now. Under those circumstances, we believe that proposals to discharge treated effluent into normally dry washes running through as-yet undeveloped areas should be conditioned upon express endorsements from the representative governing bodies of the units of local government that exercise relevant land-use-planning authority. In this case, that would potentially involve the Pinal County Board of Supervisors, Queen Creek, the Town of Florence, and the Gila River Indian Community.

In sum, Pinal County requests revision of this §208 plan proposal to specifically identify when and where off-site discharges will occur, as well as what areas will be actually affected by those discharges. In addition, once discharge-affected areas are identified, we ask that Johnson Utilities obtain the formal endorsements from affected land-use-planning authorities. For those reasons, we ask for revisions of the current proposal.

4. Proposal for Discharge to Queen Creek

The current proposal reiterates the November 2005 request for endorsement of a discharge from the Pecan Ranch WRP into Queen Creek. That request reversed the position taken by AUSS in late 2003 when they presented an application for the "Pecan Ranch WWTP" plan revision on behalf of Johnson Utilities. That proposal, as approved by the CAAG Regional Council in January of 2004, including the following at page 40:

"No AZPDES Permit for discharge will be required for the Pecan Ranch WWTP."

Earlier this year, Pinal County staff did meet with representatives from Johnson

Letter to J. Peter Armenta

July 6, 2006

Page 4

Utilities to discuss the proposal to allow discharge from the Pecan Ranch WWTP into Queen Creek.

To my recollection, the concept of "out of sight is out of mind" was key to the County's tentative support for a §208 plan revision to allow NPDES discharges into Queen Creek.

The current proposal by Johnson Utilities for a sub-surface leach system in Queen Creek could possibly achieve the County's conceptual objective. However, if soil conditions are not adequate to actually percolate the proposed 4 MGD discharge volume, then an acceptable sub-surface discharge will quickly transform into an unacceptable 4 MGD surface discharge. That would not reconcile with the "out of sight, out of mind" concept.

Accordingly, in order to support the proposed sub-surface NPDES discharge into Queen Creek, Pinal County would like to first see a competent hydrological study that shows that the proposal will not result in flows down through the Queen Creek watercourse.

5. Errata

- To assure that we are all using a common vocabulary when discussing these issues, we propose that we all use the following definitions:
 - "Franchise area" means the aggregate area covered by one or more franchises approved by the Pinal County Board of Supervisors or an affected city council.
 - "Service area" means the aggregate "CCN Service Area" covered by one or more certificates of convenience and necessity approved by the Arizona Corporation Commission.
 - "Plan area" means the aggregate "208 Plan Area" covered by one or more plans approved under §208 of the Clean Water Act. Given the multiple approval layers in that process, reference to "Plan Area" should normally indicate that the §208 plan revision has been approved by the EPA. If final EPA approval is still lacking, the in addition to explaining that EPA-approval is still lacking, the reference to a "Plan Area" should indicate what level of approval has been achieved (*i.e.* "approved by CAAG Regional Council" or "certified by ADEQ").
- Appendix C contains a number of exhibits:
 - Exhibit 2, un-dated and showing CAAG 208 amendments through 4/2001, is illegible and incomprehensible;

Letter to J. Peter Armenta
July 6, 2006
Page 5

- Exhibit 3, un-dated and showing CAAG 208 amendments through 9/2003, is illegible and incomprehensible;
- Exhibit 4, un-dated and showing CAAG 208 amendments through 11/2005, is illegible and incomprehensible;
- Exhibit 5, un-dated and showing Final franchise areas, is illegible; Checklist ¶3 indicates that the proposed county franchise area change is shown, but Exhibit 5 doesn't really show that. Is the location for the "future plant" correct? Is the location for the "Precision Plant" correct?
- Exhibit 6, dated 4/3/2006 and showing CCN areas, is illegible;
- Un-designated Exhibit 7, apparently showing the collection system, is illegible.

✓ ○ Section 4, Projected population and wastewater flows; Table 4-1, page 9; The table seems to indicate that not only will the Precision Golf Course WWTP remain on-line, but that it will service a population of 93,976. Does Johnson Utilities intend to continue to operate the Precision WWTP? Is the proposed population-to-be-served correct?
(7255

✓ ○ Section 7, permitting requirements

- If worst-case potential H₂S emissions will exceed 5.5 #/day, or the emergency generator is > 325 bhp, an air quality permits is required for each affected WWTP.

✓ ○ Section 10, project financing, at page 23

- Operating income appears understated at \$8.354 million/yr. \$38.50/customer/month x 12 months/yr. x 220,000 customers = \$101.64 million/yr, not \$8.354 million/yr.

Letter to J. Peter Armenta
July 6, 2006
Page 6

6. Conclusion

While we support your effort to develop a comprehensive, long-term plan for wastewater infrastructure for this area, Pinal County would like to see this proposal revised to address the issues raised above.

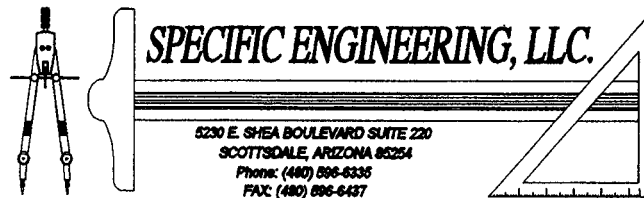
If you would like to discuss any of this we would be happy to meet, or you may call me at the number shown above.

Sincerely,

A handwritten signature in black ink that reads "Ken Buchanan". The signature is fluid and cursive, with the first name "Ken" and last name "Buchanan" clearly distinguishable.

Ken Buchanan
Assistant County Manager
Pinal County Development Services

cc: Brian Thompsett, Johnson Utilities, LLC
✓ G.H. Brown, Specific Engineering LLC
Terry Doolittle, Pinal County Manager



March 30, 2006

J Peter Armenta
Environmental Planner
Central Arizona Association of Governments
271 Main Street
Superior, AZ 85273

Ref: Johnson Utilities, L.L.C. Amendment to the CAAG 208 Areawide Water Quality Management Plan Update - 1994

Dear Mr. Armenta:

Please find the attached draft of the CAAG 208 Amendment for Johnson Utilities, L.L.C., dated March 2006. This draft incorporates your March 27, 2006, comments requesting the inclusion of a design for the Pecan WRP AZPDES subsurface discharge, copies of the narrative of all previous amendments, discussion of odor control, and changes to Table 6-1. The February 2006 draft answered the concerns of Pinal County, Town of Queen Creek, and Arizona Department of Environmental Quality with respect to the Pecan Ranch Discharge Amendment submitted in November 2005. The concerns were the lack of a comprehensive summary of the master plan and the affects of the surface discharge to the Queen Creek Wash.

This report provides the comprehensive summary of the master plan for the Johnson Utilities 208 plan area and revises the discharge into the Queen Creek Wash by the Pecan Water Reclamation Plant. In accordance with the direction provided by Pinal County, this discharge and all other discharges from wastewater treatment plants shall be made in a manner that eliminates standing water.

Copies of this draft amendment are also being sent to Pinal County, Town of Queen Creek, and ADEQ as part of the process. They are requested to review and provide any comments on the technical aspects and completeness of the draft amendment.

If you should have any questions, please contact me at (480) 596-6335.

Sincerely,

Gregory H. Brown

Cc: Ken Buchanan, Assistant County Manager, Pinal County
John Kross, Assistant Town Manager, Town of Queen Creek
Edwina Vogon, ADEQ
Brian Tompsett, Johnson Utilities, LLC



March 30, 2006

Ken Buchanan
Assistant County Manager
Pinal County
31 N. Pinal Street
Florence, AZ 85232

Ref: Johnson Utilities, L.L.C. Amendment to the CAAG 208 Areawide Water Quality Management Plan Update - 1994

Dear Mr. Buchanan:

In accordance with CAAG's direction, please find the attached copy of the draft CAAG 208 Amendment for Johnson Utilities, LLC, dated March 2006. This report is an amendment to the CAAG Water Quality Plan that answers the concerns of Pinal County, Town of Queen Creek, and Arizona Department of Environmental Quality with respect to the draft amendment dated February 2006.

Please review and provide any comments on the technical aspects and completeness of the draft amendment. If you should have any questions, please contact me at (480) 596-6335.

Sincerely,

Gregory H. Brown

Cc: J. Peter Armenta, CAAG
Brian Tompsett, Johnson Utilities, LLC



March 30, 2006

John Kross
Assistant Town Manager
Queen Creek Town Hall
22350 S. Ellsworth Road
Queen Creek, AZ 85242

Ref: Johnson Utilities, L.L.C. Amendment to the CAAG 208 Areawide Water Quality Management Plan Update - 1994

Dear Mr. Kross:

In accordance with CAAG's direction, please find the attached copy of the draft CAAG 208 Amendment for Johnson Utilities, LLC, dated March 2006. This report is an amendment to the CAAG Water Quality Plan that answers the concerns of Pinal County, Town of Queen Creek, and Arizona Department of Environmental Quality with respect to the draft amendment dated February 2006.

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Sincerely,

Gregory H. Brown

Cc: J. Peter Armenta, CAAG
Brian Tompsett, Johnson Utilities, LLC



March 30, 2006

Edwina Vogan
ADEQ Regional Water Quality Planner, Mailcode: 5415A-1
Arizona Department of Environmental Quality
1110 W. Washington St
Phoenix, AZ 85007

Ref: Johnson Utilities, L.L.C. Amendment to the CAAG 208 Areawide Water Quality
Management Plan Update - 1994

Dear Ms. Vogan:

In accordance with CAAG's direction, please find the attached copy of the draft CAAG 208 Amendment for Johnson Utilities, LLC, dated March 2006. This report is an amendment to the CAAG Water Quality Plan that answers the concerns of Pinal County, Town of Queen Creek, and Arizona Department of Environmental Quality with respect to the draft amendment dated February 2006.

Please review the draft amendment and submit a letter of support or acknowledgement in accordance with the CAAG amendment review process. If you should have any questions, please contact me at (480) 596-6335.

Sincerely,

Gregory H. Brown

Cc: J. Peter Armenta, CAAG
Brian Tompsett, Johnson Utilities, LLC

Greg Brown


From: J Peter Armenta [jparmenta@caagcentral.org]
Sent: Tuesday, February 21, 2006 9:51 AM
To: Edwina Vogan; Ken Buchanan
Cc: Greg Brown; Robert Wilson
Subject: JUC Amendment

Edwina, Ken:

CAAG is asking Johnson Utilities Company to remove the Pecan Ranch discharge element from the latest draft of their 208 plan amendment. In essence, this draft will only "clean up" all the previous amendments into one comprehensive plan. We will provide information to the Environmental Planning Committee for comment.

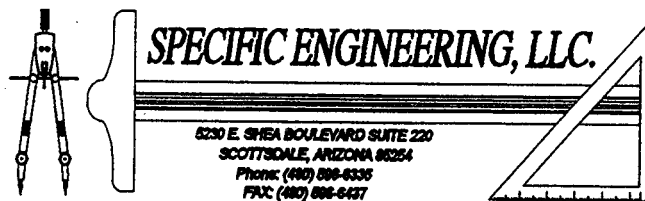
CAAG will take this as an administrative amendment, and address the Pecan Ranch AZPDES in a separate amendment, a revision to the amendment submitted November 2005.

If you have any questions, please let me know.

J. Peter Armenta <i>Environmental & IT Planner</i>	
	Central AZ Association of Governments
	271 Main Street
	Superior, AZ 85273
	Phone: (520) 689-5004 Ext. 17
	Mobile: (480) 254-1365
	Fax: (520) 689-5020
	www.caagcentral.org

This e-mail and any attachments are confidential. If you receive this message in error or are not the intended recipient, you should not retain, distribute, disclose or use any of this information and you should destroy the e-mail and any attachments or copies.

2/21/2006



February 14, 2006

John Kross
Assistant Town Manager
Queen Creek Town Hall
22350 S. Ellsworth Road
Queen Creek, AZ 85242

Ref: Johnson Utilities, L.L.C. Amendment to the CAAG 208 Areawide Water Quality Management Plan Update - 1994

Dear Mr. Kross:

In accordance with CAAG's direction, please find the attached copy of the draft CAAG 208 Amendment for Johnson Utilities, LLC, dated February 2006. This report is an amendment to the CAAG Water Quality Plan that answers the concerns of Pinal County, Town of Queen Creek, and Arizona Department of Environmental Quality with respect to the Pecan Ranch Discharge Amendment submitted in November 2005.

Please review the draft amendment and submit a letter of support or acknowledgement in accordance with the CAAG amendment review process. If you should have any questions, please contact me at (480) 596-6335.

Sincerely,

Gregory H. Brown

Cc: J. Peter Armenta, CAAG
Brian Tompsett, Johnson Utilities, LLC



February 14, 2006

Ken Buchanan
Assistant County Manager
Pinal County
31 N. Pinal Street
Florence, AZ 85232

Ref: Johnson Utilities, L.L.C. Amendment to the CAAG 208 Areawide Water Quality Management Plan Update - 1994

Dear Mr. Buchanan:

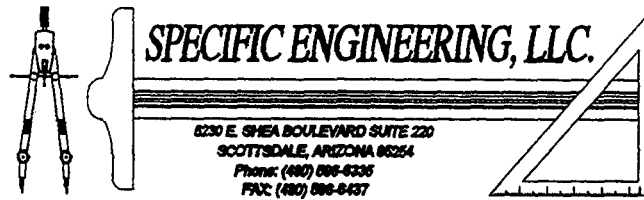
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Sincerely,

Gregory H. Brown

Cc: J. Peter Armenta, CAAG
Brian Tompsett, Johnson Utilities, LLC



February 14, 2006

Edwina Vogan
ADEQ Regional Water Quality Planner, Mailcode: 5415A-1
Arizona Department of Environmental Quality
1110 W. Washington St
Phoenix, AZ 85007

Ref: Johnson Utilities, L.L.C. Amendment to the CAAG 208 Areawide Water Quality
Management Plan Update - 1994

Dear Ms. Vogan:

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Please review the draft amendment and submit a letter of support or acknowledgement in accordance with the CAAG amendment review process. If you should have any questions, please contact me at (480) 596-6335.

Sincerely,

Gregory H. Brown

Cc: J. Peter Armenta, CAAG
Brian Tompsett, Johnson Utilities, LLC



January 13, 2006

J Peter Armenta
Environmental Planner
Central Arizona Association of Governments
271 Main Street
Superior, AZ 85273

Ref: Johnson Utilities, L.L.C. Amendment to the CAAG 208 Areawide Water Quality Management Plan Update - 1994


Dear Mr. Armenta:

Please find the attached draft of the CAAG 208 Amendment for Johnson Utilities, L.L.C., dated February 2006. This report is an amendment to the CAAG Water Quality Plan that answers the concerns of Pinal County, Town of Queen Creek, and Arizona Department of Environmental Quality with respect to the Pecan Ranch Discharge Amendment submitted in November 2005. The concerns were the lack of a comprehensive summary of the master plan and the affects of the surface discharge to the Queen Creek. This report provides the comprehensive summary of the master plan for the Johnson Utilities 208 plan area and revises the discharge into the Queen Creek Wash by the Pecan Water Reclamation Plant. In accordance with the direction provided by Pinal County, this discharge and all other discharges from wastewater treatment plants shall be made in a manner that eliminates standing water.

Copies of this draft amendment are also being sent to Pinal County, Town of Queen Creek, and ADEQ as part of the process. They are requested to review the draft amendment and submit letters of support or acknowledgement before the amendment review process can proceed.

If you should have any questions, please contact me at (480) 596-6335.

Sincerely,



Gregory H. Brown

Cc: Ken Buchanan, Assistant County Manager, Pinal County
John Kross, Assistant Town Manager, Town of Queen Creek
Edwina Vogan, ADEQ
Brian Tompsett, Johnson Utilities, LLC



JAN 23 2006

**TOWN OF
QUEEN CREEK**

January 20, 2006

Mr. J. Peter Armenta
Environmental Planner
Central Arizona Association of Governments
271 Main Street
Superior, Arizona 85273

Subject: Pecan Ranch WRF – Discharge 208 Plan Amendment

Dear Mr. Armenta:

Based on a review of the CAAG 208 Water Quality Plan Amendment for Johnson Utilities L.L.C., Public Works staff is concerned that the effluent discharge may:

- damage existing vegetation and/or
- result in the growth of additional vegetation that could impede the flow of waters.

Should have any questions regarding these concerns, please telephone me at 480.358.3138.

Sincerely,

Donald R. Noble
Interim Public Works Director

Cc: Dick Schaner, Special Transportation Project Manager
Mark Young, Senior Management Assistant – Legislative Coordinator

Greg Brown

From: McGovern.Cheryl@epamail.epa.gov
Sent: Tuesday, January 03, 2006 12:44 PM
To: lc1@azdeq.gov; gbrown@specificengineering.net
Subject: Merrill Ranch 208 Amendment

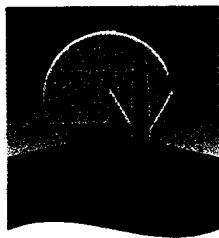
Hi Linda.

The purpose of this email is to provide an update on the U.S. Environmental Protection Agency's review of the Merrill Ranch 208 Amendment received in our office on September 12, 2005. We have completed our review and find that it meets the requirements of Section 208 of the Clean Water Act. I am sending you this status in response to a request from Bob Brown who is associated with this project. He expressed concern over the 120 day EPA review period which, pursuant to ADEQ's 208 review process, must occur before 208 amendments are considered final.

Please feel free to contact me if you have any questions regarding this email or the status of this amendment.

Regards,

Cheryl A. McGovern
Environmental Protection Specialist
U.S. Environmental Protection Agency
75 Hawthorne Street (WTR-4)
San Francisco, California 94105
415-972-3415
415-947-3537 Fax
mcgovern.cheryl@epa.gov



**CENTRAL
ARIZONA
ASSOCIATION OF
GOVERNMENTS**

Serving Gila & Pinal Counties since 1970!

HISTORIC BELMONT BUILDING

271 MAIN STREET

SUPERIOR, AZ 85273

December 28, 2005

Greg Brown
Specific Engineering, LLC
5230 E. Shea Blvd - Suite 200
Scottsdale, AZ 85254

Dear Mr. Thompson:

SUBJECT: Pecan Ranch Discharge Amendment to the CAAG 208 Areawide Water Quality Management Plan Update (AWWQMP) - 1994

The Central Arizona Association of Governments, as ADEQ's Designated Planning Agency for Gila and Pinal Counties, continually strives to make the review of amendments to the CAAG 208 AWWQMP a regional process. As part of that process, governmental entities within a proposed area must be informed and submit letters of support or acknowledgement before the amendment review process can proceed.

The Pecan Ranch Wastewater Reclamation Facility falls under the jurisdiction of Pinal County. In a letter dated December 20, 2005, Pinal County has stated concerns regarding said amendment. These concerns have caused Pinal County to withhold a letter of acknowledgement until such time that the items addressed in the letter are adequately addressed and/or satisfied.

As a result, CAAG cannot begin a formal review, or bring the amendment through the public process until such time that the issues brought forth by Pinal County are adequately addressed and/or satisfied. CAAG will continue to be available to assist your company with the maturation of this plan amendment.

If you have any further questions or need assistance, feel free to contact Robert Wilson or J. Peter Armenta in Environmental Planning, or myself at your convenience.

Sincerely,

Maxine Leather
Executive Director

- c. Brian Thompson, Johnson Utilities
Ken Buchanan, Assistant County Manager, Pinal County

GILA COUNTY: GLOBE, HAYDEN, MIAMI, PAYSON, WINKELMAN
PINAL COUNTY: APACHE JUNCTION, CASA GRANDE, COOLIDGE, ELOY, FLORENCE, KEARNY, MAMMOTH, MARICOPA, QUEEN CREEK, SUPERIOR

LOCAL: (520) 689-5004 • TOLL-FREE & V/TTY: 1-800-782-1445 • TDD: (520) 689-5009 • FAX (520) 689-5020



**Pinal County
Development Services
Office of the Assistant County Manager**

P.O. Box 2167
31 North Pinal Street, Bldg F
Florence, Arizona 85232

AIR QUALITY • BUILDING SAFETY • ENVIRONMENTAL HEALTH • PLANNING & DEVELOPMENT • PUBLIC WORKS

December 20, 2005

J. Peter Armenta
Environmental Planner
Central Arizona Association
of Governments
217 Main Street
Superior, Arizona 85273

Received by garr
Date 12/22/05

Re: JUS 208 Amendment

Dear Mr. Armenta:

You have asked for the County's position with respect to the proposed CWA 208 amendment for the Pecan Ranch Waste Water Treatment Plant. We have two concerns with this proposal.

First, we believe that Johnson Utilities Company should prepare a comprehensive summary of the master plan for the JUC 208 plan area. The underlying 208 approval for the Pecan Ranch WWTP was predicated on Mr. Maury Lee's assurance that he, in conjunction with JUC would provide such a comprehensive summary. Specifically, we wish to see clear confirmation that the existing system will be adequate to service the current 208 plan area at build-out.

Second, we understand that the underlying approval for the Pecan Ranch WWTP was also predicated upon JUC's assurance that all effluent would be handled either through off-site reuse, or on-site recharge. Specifically, JUC assured that there would be no off-site discharge to the Queen Creek Wash. This application does not explain the need to modify those limitations. Before endorsing a proposal for any discharge to the Queen Creek Wash, we would need to clearly understand a compelling justification for such a change. In addition, we also wish assure that down-stream landowners along the Queen Creek have meaningful notice and an opportunity to voice their opinions with respect to this proposal. Until such time that the above can be effectively answered, Pinal County is not prepared or endorse this proposed amendment.

Sincerely,

Ken Buchanan
Assistant County Manager
Pinal County

cc: Cynthia Seelhammer, Queen Creek Town Manager
Johnson Utilities
Specific Engineering, L.L.C.

JOHNSON UTILITIES L.L.C.

5230 East Shea Boulevard * Scottsdale, Arizona 85254

PH: (480) 998-3300; FAX: (480) 483-7908

December 7, 2005

John Kross
Assistant Town Manager
Queen Creek Town Hall
22350 S. Ellsworth Road
Queen Creek, AZ 85242

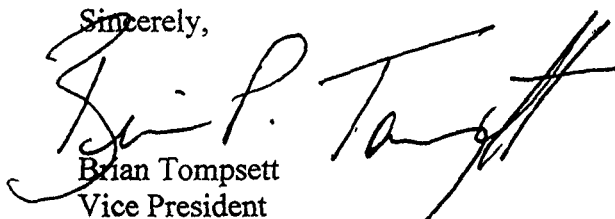
Ref: CAAG 208 Amendment

Dear Mr. Kross:

In accordance with CAAG's direction, please find the attached copy of the CAAG 208 Amendment for Johnson Utilities, LLC, dated November 2005. This report is an amendment to the CAAG Water Quality Plan to add an effluent discharge from the 4.0 million gallon per day Pecan Water Reclamation Plant to Queen Creek under an Arizona Pollutant Discharge Elimination System permit. This report also makes changes to the plant's service area in anticipation of the pending transfer of the CC&N areas of the Arizona Utility Supply and Service, LLC, to Johnson Utilities, LLC.

Please review and reply by letter to J. Peter Armenta, CAAG, 271 Main Street, Superior, Arizona 85273 indicating your acceptance of this proposed amendment. If you should have any questions, please contact me at (480) 998-3300 or Greg Brown at (480) 596-6335.

Sincerely,



Brian Tompsett
Vice President

Cc: J. Peter Armenta, CAAG
Greg Brown, Specific Engineering, LLC



December 5, 2005

Edwina Vogan
ADEQ Regional Water Quality Planner, Mailcode: 5415A-1
Arizona Department of Environmental Quality
1110 W. Washington St
Phoenix, AZ 85007

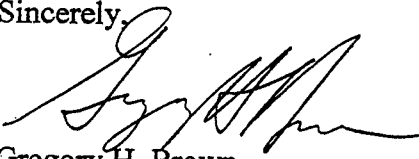
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If you should have any questions, please contact me at (480) 596-6335.

Sincerely,



Gregory H. Brown

Cc: J. Peter Armenta, CAAG
Brian Tompsett, Johnson Utilities, LLC

JOHNSON UTILITIES L.L.C.

5230 East Shea Boulevard * Scottsdale, Arizona 85254

PH: (480) 998-3300; FAX: (480) 483-7908

November 23, 2005

Ken Buchanan
Assistant County Manager
Pinal County
31 N. Pinal Street
Florence, AZ 85232

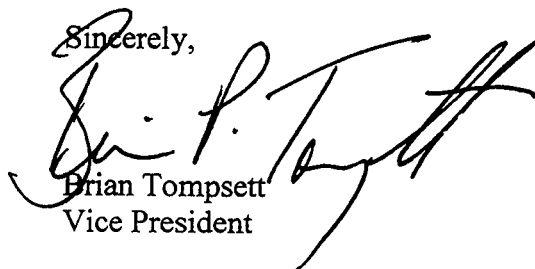
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Sincerely,



Brian Pompsett
Vice President

Cc: J. Peter Armenta, CAAG
Greg Brown, Specific Engineering, LLC



SPECIFIC ENGINEERING, LLC.

6230 E. SHEA BOULEVARD SUITE 220
SCOTTSDALE, ARIZONA 85264
Phone: (480) 696-6335
FAX: (480) 696-6437



Transmittal

To: CAAG

271 Main Street

Superior, Arizona 85273

ATTN: Robert Wilson

Date: November 9, 2005

Job No.: 3009B025

Drawing/Spec Reference:

Re: 208 Amendment for Johnson Utilities LLC

We Transmit:

☐ Herewith

☐ Under Separate Cover

☐ Via

Material Format

Requested Action

☐ Letter

☐ Shop Drawings

☐ For Your Approval

☐ Your Review

☐ Memo

☐ Clarification Drawing

☐ For Your Signature

☐ Please Comment

Prints

☐ Modification Drawing

Information

☐ Make Recommendation

☐ Sketch

☐ Specifications

☐ Resubmit

☐ Issue Construction Order

X Reports

☐ Sepias

As Requested

☐ For Your Use

☐ Mylars

☐

☐ Issue Change Order

☐

Remarks: Here are 2 copies of the 208 Amendment for Johnson Utilities LLC service area.

These are for the initial review of the 208 amendment process.

If you have any further comments or questions please contact me.

Copies To:

Brian tompsett- Johnson Utilities LLC

Signed: Grant K. Hinderer

Grant K. Hinderer

Received By:

Date:



Janet Napolitano
Governor

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

1110 West Washington Street • Phoenix, Arizona 85007
(602) 771-2300 • www.adeq.state.az.us



Stephen A. Owens
Director

DATE: 18 July 2003

TO: Michele Robertson, Section Manager
Water Permits Section

THRU: Linda Taunt, Section Manager
Hydrologic Support and Assessment Section

FROM: Edwina Vogan *EV*
Regional WQP Coordinator
Watershed Management Unit

Re: Conditioned approval of Pecan Ranch WWTP to provide service outside its CC&N

This memorandum outlines the conditional approval of the Pecan Ranch WWTF to serve areas of development by Johnson Utilities, L.L.C., in central Pinal County, Arizona.

Background

Johnson Utilities Corporation, L.L.C. is the owner of the Pecan Ranch WWTF (formerly named Circle Cross WWTF) and the facility was approved as part of the Central Arizona Association of Governments (CAAG) Plan Amendment No. 4 for Johnson Ranch in September of 2001. Johnson Utilities seeks to provide centralized sewer service to Sections 22, 27 and a portion of Section 30 in T2S, R8E, Pinal County and has submitted a 208 Amendment No. 4A to the CAAG plan for these sections. Currently Section 22 is within the Certificated Area of Convenience and Necessity (CC&N) of the Arizona Utility and Supply Service (AUSS). An Arizona Corporation Commission (ACC) hearing has been scheduled for late 2003 where the request for transfer of certificated areas will be heard. Johnson Utilities, L.L.C. also wants to provide service to Sections 27 and a portion of Section 30, but has not yet completed the ACC application. ADEQ has conditioned certification of the Amendment No. 4A on Johnson Utilities obtaining a CC&N for Sections 22, 27 and a portion of Section 30 from the ACC. The amendment is on hold until these conditions are satisfied.

Issue

Developments in Sections 22, 27 and a portion of 30 of T2S, R8 seek immediate hookup to centralized sewer. In particular, a new elementary school in Section 22 is eager to hookup before fall classes begin in August 2003. Until the conditions of the 208 approval are satisfied, service to these areas by the Pecan Ranch WWTP is considered "not in conformance" with the 208 Plan and would be inconsistent with the requirements of the ACC.

Northern Regional Office
1515 East Cedar Avenue • Suite F • Flagstaff, AZ 86004
(928) 779-0313

Southern Regional Office
400 West Congress Street • Suite 433 • Tucson, AZ 85701
(520) 628-6733

Printed on recycled paper

Pecan Ranch WWTF - 208 Conformance Issue
Page 2

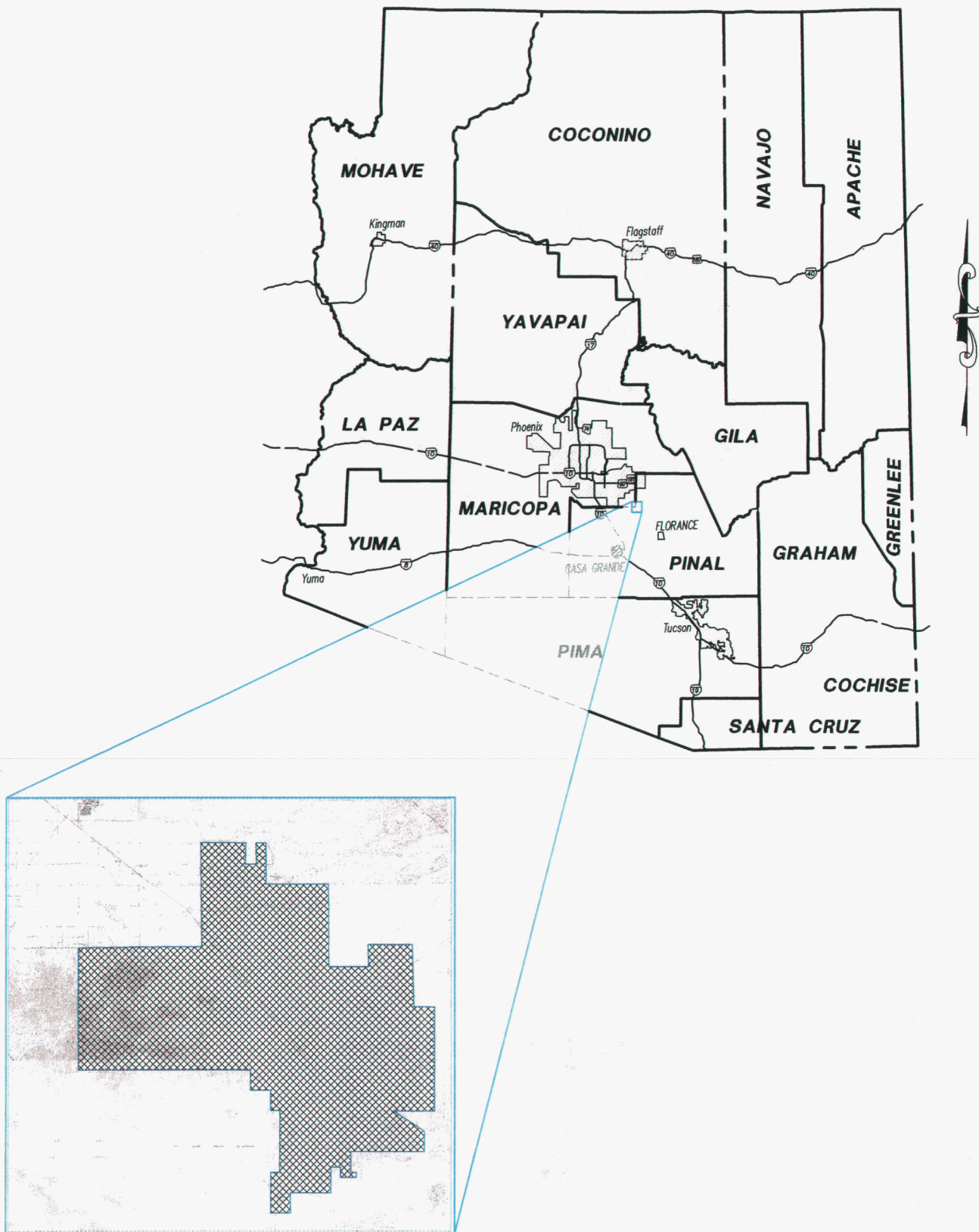
Resolution

AUSS and JUC have signed a Sewer Collection and Main Extension Agreement that allows JUC to provide centralized sewer service to properties within the AUSS CC&N. With this agreement in place, the Pecan Ranch WWTP can legally provide sewer service to properties in the AUSS certificated area. The ACC recognizes the agreement and agrees that under their rules, JUC can provide service in the AUSS CC&N.

This memorandum does not approve the CAAG Plan Amendment No. 4A, but merely recognizes the current Sewer Collection Main Extension Agreement between AUSS and JUC to provide service to Sections 22, 27 and a portion of 30 in T2S, R8E. Approval of Amendment 4A requires that JUC receive CC&N authority for the sections requested in the amendment. If JUC receives CC&N authority, ADEQ will certify amendment No. 4A and send it on to EPA for review. If that authorization is not forthcoming and the Sewer Collection Main Extension Agreement between AUSS and JUC is severed, JUC will be operating Pecan Ranch WWTP in these areas without proper authorization. Further operation of the facility under those conditions would likely lead to an NOV and subsequent enforcement actions.

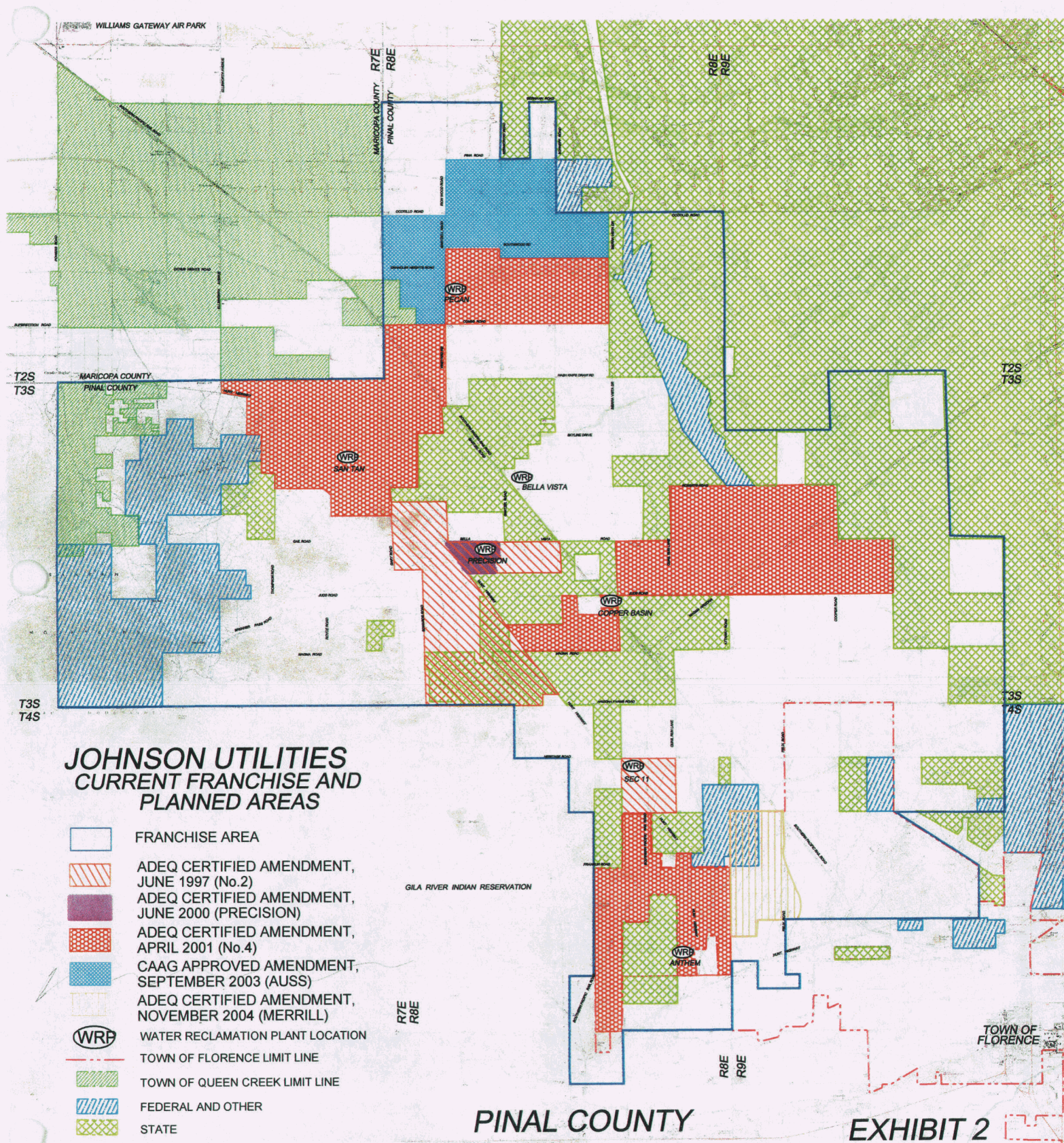
cc: Karen Smith, Director
Asif Majeed, Manager, Wastewater Recharge and Reuse Unit
Greg Brown, Manager, Residential and Industrial Wastewater Unit

APPENDIX C
EXHIBITS



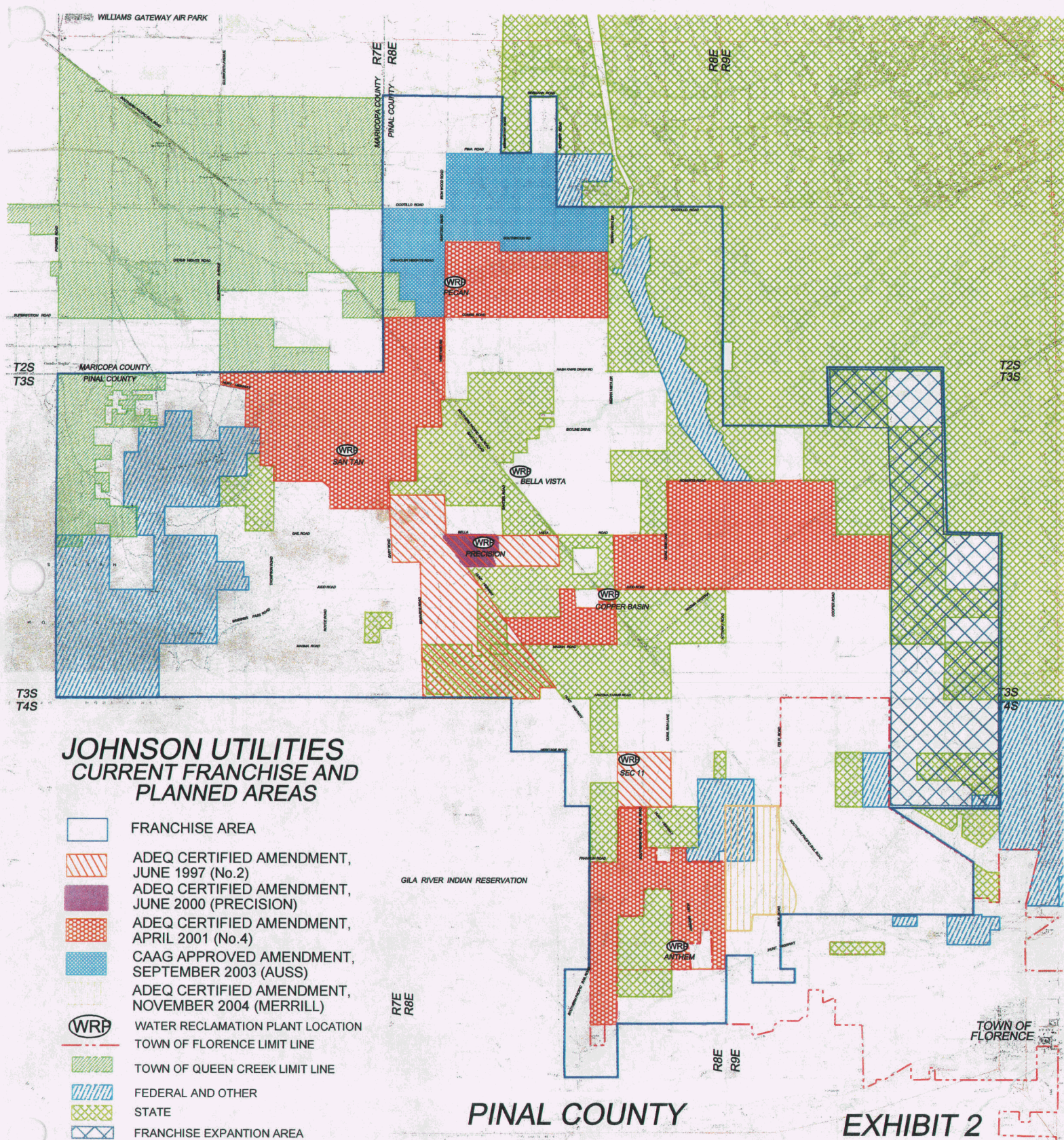
**FRANCHISE AREA
LOCATION MAP**

EXHIBIT 1



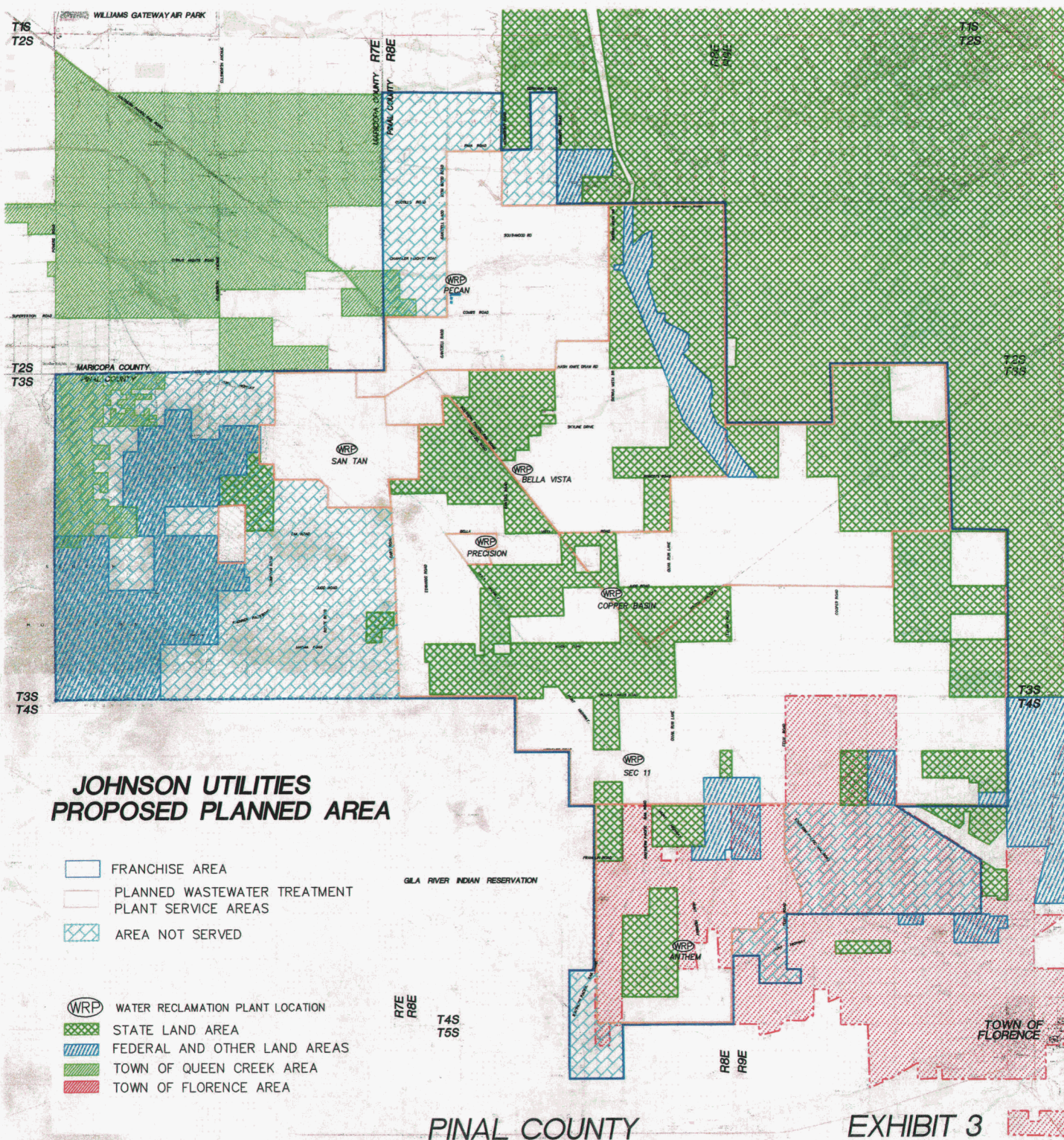
S:\Specific Engineering\3010\A004\acad\Cut-shs\208\EXHIBIT-2.DWG Plotted: Aug 24, 2006

FOR ENLARGED DRAWING SEE (<http://www.caagcentral.org/208/JUC.html>)



S:\Specific Engineering\3010\A004\acad\Cut-shs\208\EXHIBIT-2.DWG Plotted: Oct 02, 2006

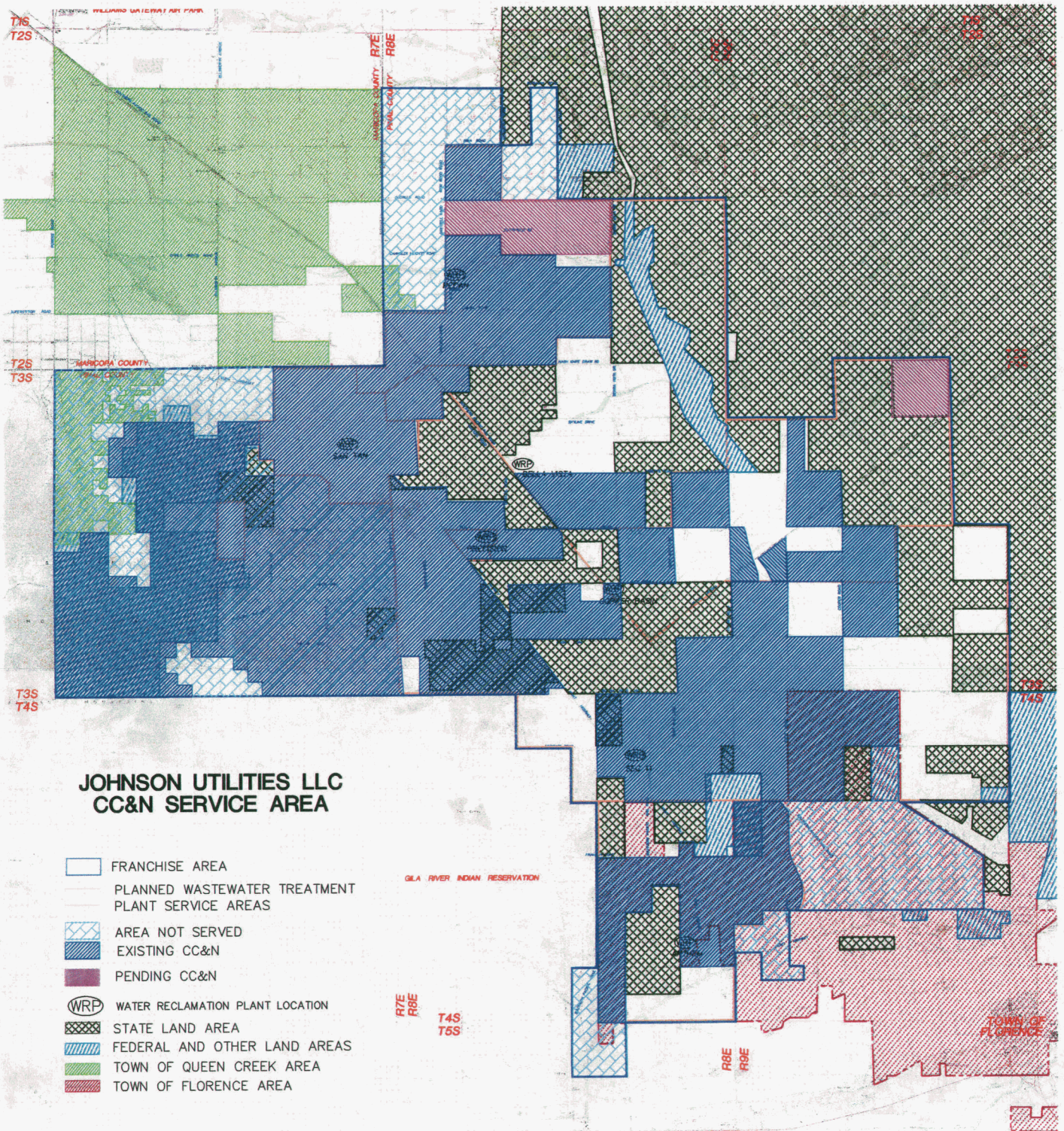
FOR ENLARGED DRAWING SEE (<http://www.caagcentral.org/208/JUC.html>)



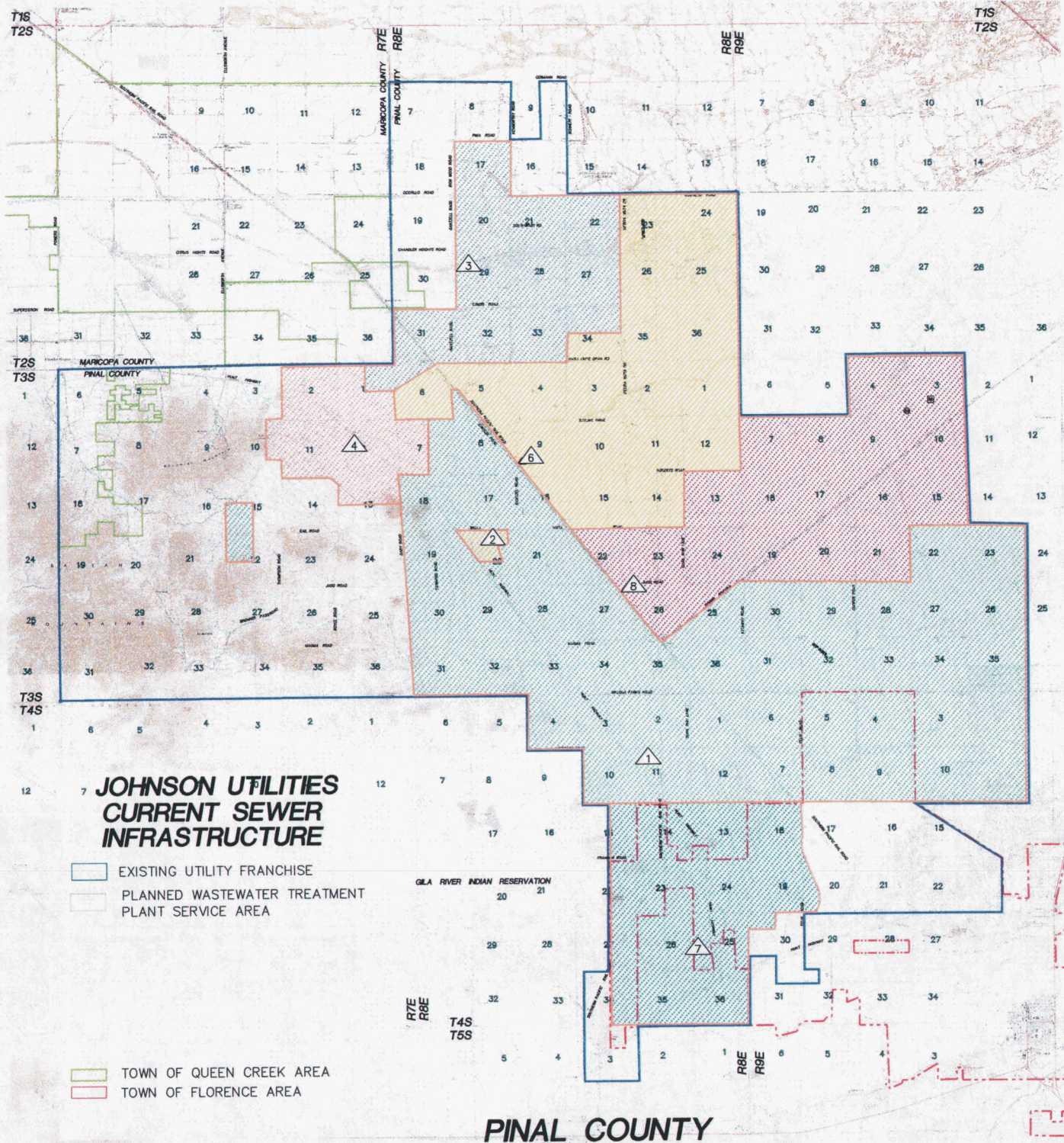
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Plotted: Aug 24, 2006

FOR ENLARGED DRAWING SEE (<http://www.caagcentral.org/208/JUC.html>)



FOR ENLARGED DRAWING SEE (<http://www.caagcentral.org/208/JUC.html>)

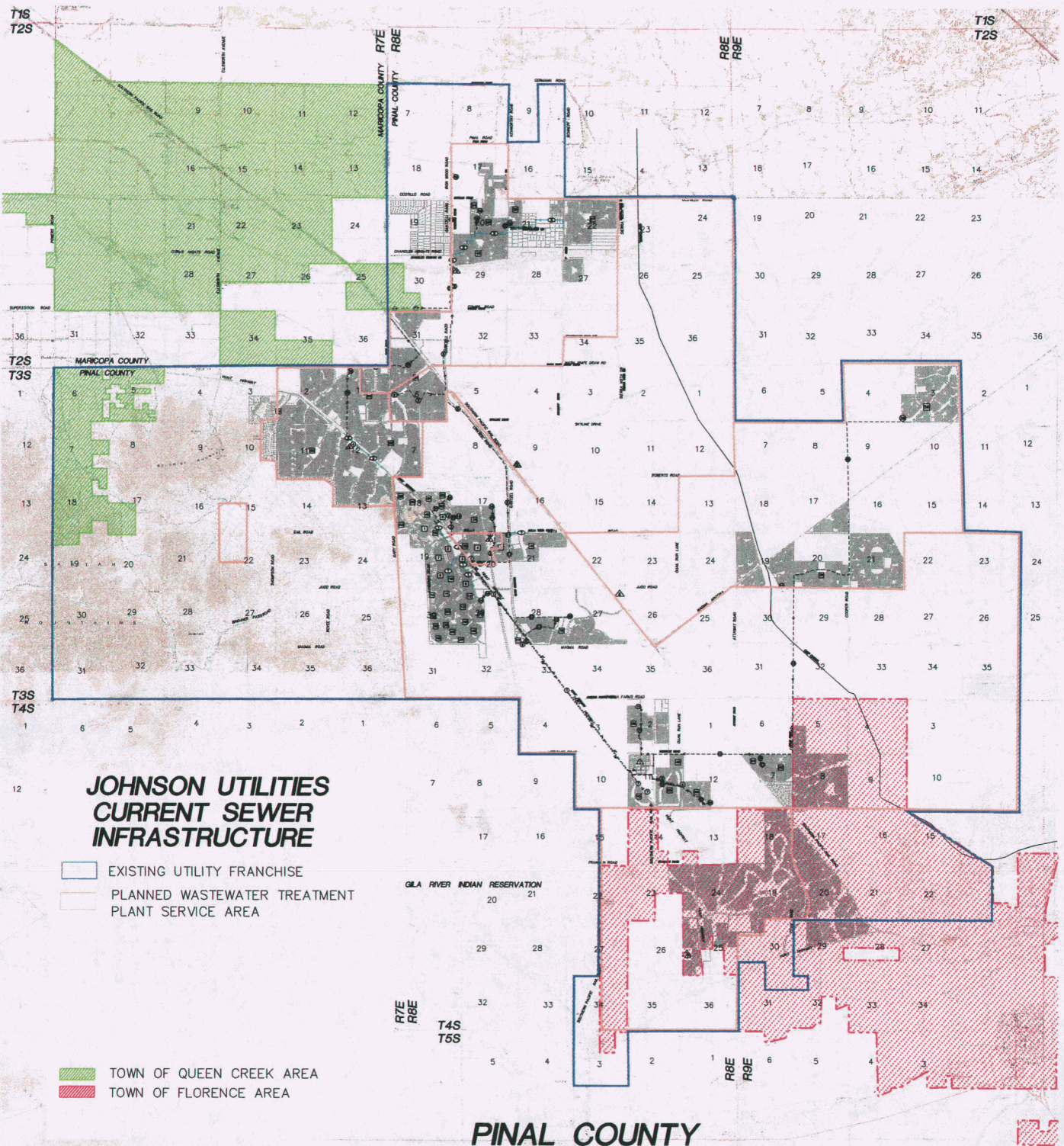


TREATMENT PLANTS FUTURE TREATMENT PLANTS

- 1 SEC 11 WWTP
- 2 PRECISION WWTP
- 3 PECAN RANCH
- 4 SAN TAN

- 6 BELLA VISTA
- 7 ANTHEM
- 8 COPPER BASIN

EXHIBIT 5



JOHNSON UTILITIES CURRENT SEWER INFRASTRUCTURE

- EXISTING UTILITY FRANCHISE
- PLANNED WASTEWATER TREATMENT PLANT SERVICE AREA

- TOWN OF QUEEN CREEK AREA
- TOWN OF FLORENCE AREA

PINAL COUNTY

SUBDIVISIONS

- | | | |
|--------------------------------|-----------------------------------|------------------------------------|
| 1 JOHNSON RANCH UNIT 1 | 22 OASIS AT MAGIC RANCH | 40 MAGIC RANCH ESTATES |
| 2 JOHNSON RANCH UNIT 2 | 23 CIRCLE CROSS RANCH | 41 RANCHO BELLA VISTA SOUTH |
| 3 JOHNSON RANCH UNIT 3A & 3B | 24 SAN TAN HEIGHTS NORTH | 42 JOHNSON RANCH UNIT 35, 40B, 50 |
| 4 JOHNSON RANCH UNIT 4A & 4B | 25 MORNING SUN FARMS | 43 JOHNSON RANCH UNIT 42, 48 |
| 5 JOHNSON RANCH UNIT 4D, 4F | 26 THE LINKS | 44 BORGATA |
| 6 JOHNSON RANCH UNIT 6 | 27 CAMBRIA | 45 JOHNSON RANCH UNIT 24 |
| 7 JOHNSON RANCH UNIT 7 | 28 LOS PRADERAS | 46 JOHNSON RANCH UNIT 23B |
| 8 JOHNSON RANCH UNIT 8 | 29 CASTLEGATE | 47 JOHNSON RANCH UNIT 25 |
| 9 JOHNSON RANCH UNIT 12A & 12B | 30 SKYLINE | 48 JOHNSON RANCH UNIT 28 |
| 10 JOHNSON RANCH UNIT 13 | 31 JOHNSON RANCH UNIT 41-77 | 49 JOHNSON RANCH UNIT 27 |
| 11 JOHNSON RANCH UNIT 15 | 32 JOHNSON RANCH UNIT 40A, 48, 49 | 50 JOHNSON RANCH UNIT 52A |
| 12 JOHNSON RANCH UNIT 16 | 33 RANCHO BELLA VISTA NORTH | 51 JOHNSON RANCH UNIT 52B |
| 13 JOHNSON RANCH UNIT 17 | 34 JOHNSON RANCH UNIT 35-39 | 52 JOHNSON RANCH UNIT 14 |
| 14 JOHNSON RANCH UNIT 20 & 21 | 35 JOHNSON RANCH UNIT 18 | 53 MAGIC RANCH (RICHMOND AMERICAN) |
| 15 LAKE VIEW GARDENS | 36 JOHNSON RANCH UNIT 22A | 54 HERITAGE |
| 16 PECAN CREEK | 37 JOHNSON RANCH UNIT 22B | 55 CRESTFIELD MANOR |
| 17 SUPERSTITION VIEWS | 38 JOHNSON RANCH UNIT 23A | 56 SILVERADO RANCH |
| 18 COPPER BASIN | 39 JOHNSON RANCH UNIT 29 | |
| 19 OASIS SUNRISE | 40 MAGIA RANCH | |

TRUNK SEWER

- JOHNSON RANCH
- SAN TAN HEIGHTS NORTH
- SAN TAN HEIGHTS SOUTH
- GAZELLE ROAD
- PECAN MAIN EXTENSION
- PECAN CREEK
- RANCHO BELLA VISTA

TREATMENT PLANTS

- SEC 11 WWTP
- PRECISION WWTP
- PECAN RANCH
- SAN TAN
- THE LINKS

FUTURE TREATMENT PLANTS

- BELLA VISTA
- ANTHEM

FORCE MAINS

- JOHNSON RANCH MAIN
- JOHNSON RANCH UNIT 4A
- JOHNSON RANCH UNIT 6
- NOT USED
- VINEYARD ROAD
- SUPERSTITION VIEWS
- OASIS SUNRISE
- OASIS AT MAGIC RANCH
- CIRCLE CROSS #1
- MORNING SUN FARMS
- MAGIC RANCH
- PELIX & HERITAGE ROAD
- COPPER BASIN #1
- JOHNSON RANCH BLVD
- RANCHO BELLA VISTA #1
- JOHNSON RANCH UNIT 4D, 4F
- GAZELLE ROAD
- THE LINKS
- LOS PRADERAS
- CIRCLE CROSS #2 / THE PARKS
- MAGIC RANCH (RICHMOND AMERICAN)
- COPPER BASIN #2
- JOHNSON RANCH UNIT 14
- CRESTFIELD MANOR

SILVERADO RANCH

PUMP STATIONS

- JOHNSON RANCH MAIN
- JOHNSON RANCH UNIT 4A
- JOHNSON RANCH UNIT 6
- SAN TAN HEIGHTS
- PECAN RANCH
- SUPERSTITION VIEWS
- OASIS SUNRISE
- OASIS AT MAGIC RANCH
- CIRCLE CROSS #1
- MORNING SUN FARMS
- MAGIC RANCH
- MAGIA #1
- COPPER BASIN #1
- JOHNSON RANCH BLVD
- RANCHO BELLA VISTA #1
- RANCHO BELLA VISTA #2
- JOHNSON RANCH UNIT 4D, 4F
- JOHNSON RANCH UNIT 14
- CRESTFIELD MANOR
- SILVERADO RANCH
- LOS PRADERAS
- CIRCLE CROSS #2
- THE PARKS
- MAGIC RANCH (RICHMOND AMERICAN)
- COPPER BASIN #2
- JOHNSON RANCH UNIT 14
- CRESTFIELD MANOR
- NOT USED
- JOT DRIVE
- THE LINKS

LEGEND
--- FORCE MAIN
--- TRUNK SEWER

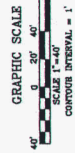
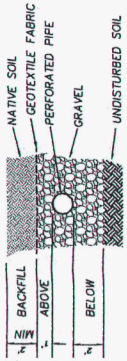
EXHIBIT 5

PECAN WATER PLANT
LEACH FIELDS

CLIENT/PROJECT

REVISIONS

NO.	DATE	APP.	DESCRIPTION
1	05-16		ISSUED FOR PERMIT
2	05-16		ISSUED FOR PERMIT
3	05-16		ISSUED FOR PERMIT
4	05-16		ISSUED FOR PERMIT
5	05-16		ISSUED FOR PERMIT
6	05-16		ISSUED FOR PERMIT
7	05-16		ISSUED FOR PERMIT
8	05-16		ISSUED FOR PERMIT
9	05-16		ISSUED FOR PERMIT
10	05-16		ISSUED FOR PERMIT



LEGEND

- 2' AC ON 6" ABC
- CRUSHED ROCK
- 6" CHU WALL
- 6" HOPE
- RP-RAP
- EXISTING PECAN TREES

PROPERTY LINE

PROPOSED INJECTION WELLS

PROPOSED WASTE ZONE

POINT OF COMPLIANCE
LATITUDE: 33°14'56.95"
LONGITUDE: -111°33'42.160"

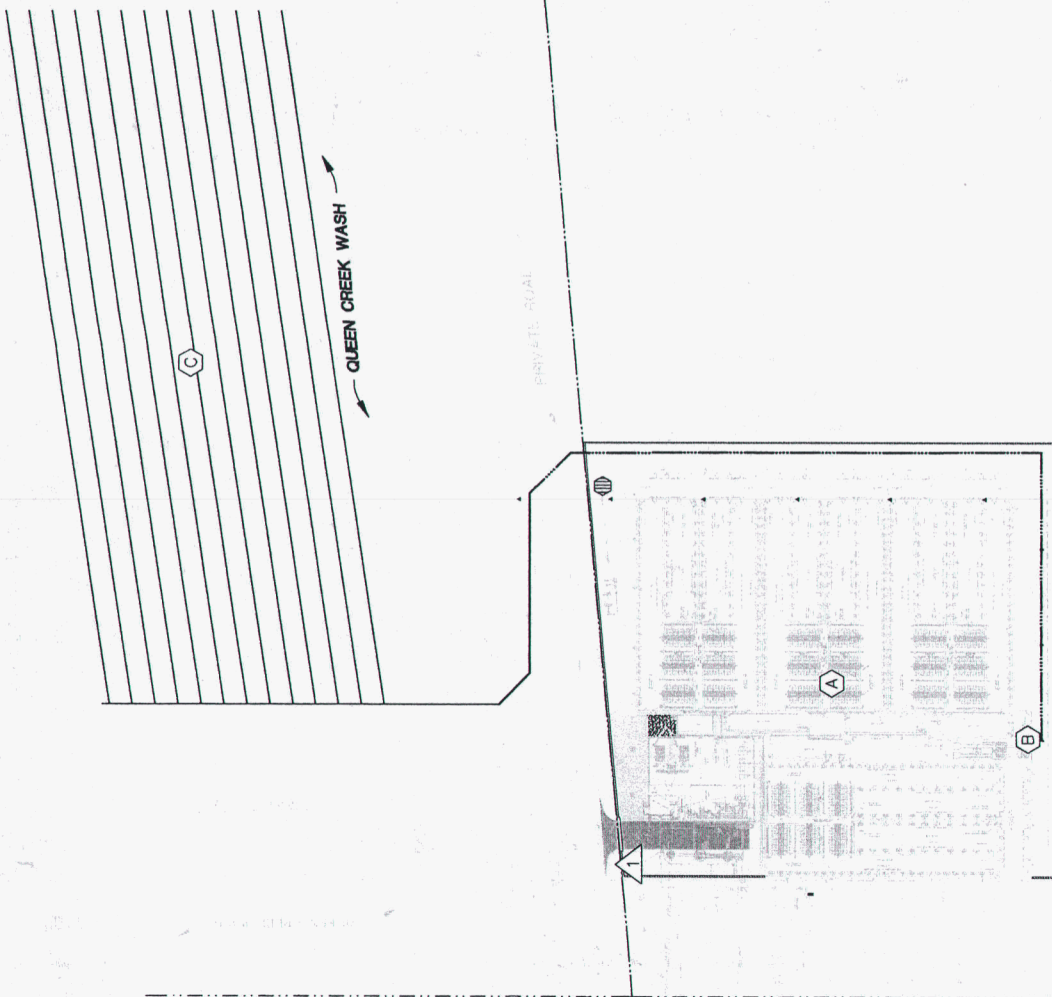
MONITOR WELL MW-1
LATITUDE: 33°14'56.95"
LONGITUDE: -111°33'42.160"

8' CHAIN LINK FENCE
1/2 ROW PAPER WIRE

(A) CENTER OF PLANT
LATITUDE: 33°14'56.95"
LONGITUDE: -111°33'42.160"

(B) EFFLUENT PUMP STATION
LATITUDE: 33°14'56.95"
LONGITUDE: -111°33'42.160"

(C) EFFLUENT LEACH BED
LATITUDE: 33°14'56.95"
LONGITUDE: -111°33'42.160"



LAND USE TABLE

JOHNSON RANCH

HUNT HIGHWAY

APPENDIX D
DOCUMENTATION

P.A.D. or MASTER PLAN LOCATION	SUBDIVISION UNIT NUMBER	WATER LINE APPROVAL TO CONSTRUCT (ATC)					SEWER LINE PROVISIONAL VERIFICATION (PV)					SUBDIVISION APPROVAL PHASE				
		ATC PROJECT NO.	ATC LTF NO.	ATC DATE	ATC REV. DATE	ATC LTF NO.	PV PROJECT NO.	PV LTF NO.	PV DATE	PV REV. DATE	PV LTF NO.	SUBDIV PROJECT NO.	SUBDIV LTF NO.	SUBDIV DATE	SUBDIV REV. DATE	SUBDIV ISSUE DATE
Oasis Sunnyside 6, Magic Ranch Area	Oasis Sunnyside 6, Phase 1	20010088	22837	3/5/2001	KC2	282	20010088	22837	3/5/2001	KC2	258	20010088	22837	3/5/2001	KC2	10/2/2002
	Oasis Sunnyside 6, Phase 2	20020013	25964	1/7/2002	JD1	160	20020013	25964	1/7/2002	JD1	160	20020013	25964	1/7/2002	JD1	10/2/2002
	Oasis Sunnyside 6, Phase 3	20030042	29831	4/26/2003	JD1	144	20030042	29831	4/26/2003	JD1	144	20030042	29831	4/26/2003	JD1	10/2/2002
	Oasis Sunnyside 6, Phase 4	20040028	32815	4/6/2004	MAG	118	20040028	32815	4/6/2004	MAG	113	20040028	32815	4/6/2004	MAG	10/2/2002
	Oasis Sunnyside 6, Phase 5	20040038	32832	5/12/2004	MAG	530	20040038	32832	5/12/2004	MAG	530	20040038	32832	5/12/2004	MAG	10/2/2002
	Oasis Sunnyside 6, Phase 6	20050049	32834	11/1/2002	KNS	258	20050049	32834	11/1/2002	KNS	258	20050049	32834	11/1/2002	KNS	10/2/2002
	Oasis Sunnyside 6, Phase 7	20060042	33495	7/19/2004	MAG	222	20060042	33495	7/19/2004	MAG	222	20060042	33495	7/19/2004	MAG	10/2/2002
	Oasis Sunnyside 6, Phase 8	20070031	33310	6/26/2004	MAG	222	20070031	33310	6/26/2004	MAG	222	20070031	33310	6/26/2004	MAG	10/2/2002
	Oasis Sunnyside 6, Phase 9	20080059	37089	7/19/2005	KNS	216	20080059	37089	7/19/2005	KNS	216	20080059	37089	7/19/2005	KNS	10/2/2002
	Oasis Sunnyside 6, Phase 10	20090059	37089	7/19/2005	KNS	216	20090059	37089	7/19/2005	KNS	216	20090059	37089	7/19/2005	KNS	10/2/2002
Rancho Vista North	Rancho Vista North, Phase 1	20030049	31099	9/10/2003	RK1	150	20030049	31099	9/10/2003	RK1	150	20030049	31099	9/10/2003	RK1	10/2/2002
	Rancho Vista North, Phase 2	20030049	31100	9/10/2003	RK1	150	20030049	31100	9/10/2003	RK1	150	20030049	31100	9/10/2003	RK1	10/2/2002
	Rancho Vista North, Phase 3	20030049	31101	9/10/2003	RK1	150	20030049	31101	9/10/2003	RK1	150	20030049	31101	9/10/2003	RK1	10/2/2002
	Rancho Vista North, Phase 4	20030049	31102	9/10/2003	RK1	150	20030049	31102	9/10/2003	RK1	150	20030049	31102	9/10/2003	RK1	10/2/2002
	Rancho Vista North, Phase 5	20030049	31103	9/10/2003	RK1	150	20030049	31103	9/10/2003	RK1	150	20030049	31103	9/10/2003	RK1	10/2/2002
	Rancho Vista North, Phase 6	20030049	31104	9/10/2003	RK1	23	20030049	31104	9/10/2003	RK1	23	20030049	31104	9/10/2003	RK1	10/2/2002
	Rancho Vista North, Phase 7	20040189	32445	3/15/2004	JD1	328	20040189	32445	3/15/2004	JD1	328	20040189	32445	3/15/2004	JD1	10/2/2002
	Rancho Vista North, Phase 8	20040190	32446	3/15/2004	JD1	184	20040190	32446	3/15/2004	JD1	184	20040190	32446	3/15/2004	JD1	10/2/2002
	Rancho Vista North, Phase 9	20040476	33622	7/30/2004	KNS	247	20040476	33622	7/30/2004	KNS	247	20040476	33622	7/30/2004	KNS	10/2/2002
	Rancho Vista North, Phase 10	20050079	37776	9/26/2005	JD1	83	20050079	37776	9/26/2005	JD1	83	20050079	37776	9/26/2005	JD1	10/2/2002
Copper Basin	Copper Basin, Phase 1	20040580	34122	9/27/2004	MAG	125	20040580	34122	9/27/2004	MAG	125	20040580	34122	9/27/2004	MAG	10/2/2002
	Copper Basin, Phase 2	20040580	34123	9/27/2004	MAG	125	20040580	34123	9/27/2004	MAG	125	20040580	34123	9/27/2004	MAG	10/2/2002
	Copper Basin, Phase 3	20040580	34124	9/27/2004	MAG	125	20040580	34124	9/27/2004	MAG	125	20040580	34124	9/27/2004	MAG	10/2/2002
	Copper Basin, Phase 4	20040580	34125	9/27/2004	MAG	125	20040580	34125	9/27/2004	MAG	125	20040580	34125	9/27/2004	MAG	10/2/2002
	Copper Basin, Phase 5	20040580	34126	9/27/2004	MAG	125	20040580	34126	9/27/2004	MAG	125	20040580	34126	9/27/2004	MAG	10/2/2002
	Copper Basin, Phase 6	20040580	34127	9/27/2004	MAG	125	20040580	34127	9/27/2004	MAG	125	20040580	34127	9/27/2004	MAG	10/2/2002
	Copper Basin, Phase 7	20040580	34128	9/27/2004	MAG	125	20040580	34128	9/27/2004	MAG	125	20040580	34128	9/27/2004	MAG	10/2/2002
	Copper Basin, Phase 8	20040580	34129	9/27/2004	MAG	125	20040580	34129	9/27/2004	MAG	125	20040580	34129	9/27/2004	MAG	10/2/2002
	Copper Basin, Phase 9	20040580	34130	9/27/2004	MAG	125	20040580	34130	9/27/2004	MAG	125	20040580	34130	9/27/2004	MAG	10/2/2002
	Copper Basin, Phase 10	20040580	34131	9/27/2004	MAG	125	20040580	34131	9/27/2004	MAG	125	20040580	34131	9/27/2004	MAG	10/2/2002
Villages @ Copper Basin	Villages @ Copper Basin, Phase 1	20030511	31189	9/26/2003	KNS	0	20030511	31189	9/26/2003	KNS	0	20030511	31189	9/26/2003	KNS	10/2/2002
	Villages @ Copper Basin, Phase 2	20030511	31190	9/26/2003	KNS	0	20030511	31190	9/26/2003	KNS	0	20030511	31190	9/26/2003	KNS	10/2/2002
	Villages @ Copper Basin, Phase 3	20030511	31191	9/26/2003	KNS	0	20030511	31191	9/26/2003	KNS	0	20030511	31191	9/26/2003	KNS	10/2/2002
	Villages @ Copper Basin, Phase 4	20030511	31192	9/26/2003	KNS	0	20030511	31192	9/26/2003	KNS	0	20030511	31192	9/26/2003	KNS	10/2/2002
	Villages @ Copper Basin, Phase 5	20030511	31193	9/26/2003	KNS	0	20030511	31193	9/26/2003	KNS	0	20030511	31193	9/26/2003	KNS	10/2/2002
	Villages @ Copper Basin, Phase 6	20030511	31194	9/26/2003	KNS	0	20030511	31194	9/26/2003	KNS	0	20030511	31194	9/26/2003	KNS	10/2/2002
	Villages @ Copper Basin, Phase 7	20030511	31195	9/26/2003	KNS	0	20030511	31195	9/26/2003	KNS	0	20030511	31195	9/26/2003	KNS	10/2/2002
	Villages @ Copper Basin, Phase 8	20030511	31196	9/26/2003	KNS	0	20030511	31196	9/26/2003	KNS	0	20030511	31196	9/26/2003	KNS	10/2/2002
	Villages @ Copper Basin, Phase 9	20030511	31197	9/26/2003	KNS	0	20030511	31197	9/26/2003	KNS	0	20030511	31197	9/26/2003	KNS	10/2/2002
	Villages @ Copper Basin, Phase 10	20030511	31198	9/26/2003	KNS	0	20030511	31198	9/26/2003	KNS	0	20030511	31198	9/26/2003	KNS	10/2/2002
Pecan Creek	Pecan Creek, Phase 1	20030511	31189	9/26/2003	KNS	0	20030511	31189	9/26/2003	KNS	0	20030511	31189	9/26/2003	KNS	10/2/2002
	Pecan Creek, Phase 2	20030511	31190	9/26/2003	KNS	0	20030511	31190	9/26/2003	KNS	0	20030511	31190	9/26/2003	KNS	10/2/2002
	Pecan Creek, Phase 3	20030511	31191	9/26/2003	KNS	0	20030511	31191	9/26/2003	KNS	0	20030511	31191	9/26/2003	KNS	10/2/2002
	Pecan Creek, Phase 4	20030511	31192	9/26/2003	KNS	0	20030511	31192	9/26/2003	KNS	0	20030511	31192	9/26/2003	KNS	10/2/2002
	Pecan Creek, Phase 5	20030511	31193	9/26/2003	KNS	0	20030511	31193	9/26/2003	KNS	0	20030511	31193	9/26/2003	KNS	10/2/2002
	Pecan Creek, Phase 6	20030511	31194	9/26/2003	KNS	0	20030511	31194	9/26/2003	KNS	0	20030511	31194	9/26/2003	KNS	10/2/2002
	Pecan Creek, Phase 7	20030511	31195	9/26/2003	KNS	0	20030511	31195	9/26/2003	KNS	0	20030511	31195	9/26/2003	KNS	10/2/2002
	Pecan Creek, Phase 8	20030511	31196	9/26/2003	KNS	0	20030511	31196	9/26/2003	KNS	0	20030511	31196	9/26/2003	KNS	10/2/2002
	Pecan Creek, Phase 9	20030511	31197	9/26/2003	KNS	0	20030511	31197	9/26/2003	KNS	0	20030511	31197	9/26/2003	KNS	10/2/2002
	Pecan Creek, Phase 10	20030511	31198	9/26/2003	KNS	0	20030511	31198	9/26/2003	KNS	0	20030511	31198	9/26/2003	KNS	10/2/2002

Page 3

P.A.D. or MASTER PLAN LOCATION	SUBMISSION UNIT NUMBER	WATER LINE APPROVAL TO CONSTRUCT (ATC)										SEWER LINE PROVISIONAL VERIFICATION (PV)										SUBDIVISION APPROVAL PHASE									
		ATC PROJECT NO.	ATC SUBMITL DATE	ATC LTF	ATC DATE	LOF	ATC REV. DATE	ATC SUBMITL DATE	ATC LTF	ATC DATE	LOF	PV PROJECT NO.	PV SUBMITL DATE	PV LTF	PV DATE	PV REV. DATE	PV SUBMITL DATE	PV LTF	PV DATE	PV REV. DATE	SUBDIV PROJECT NO.	SUBDIV LTF	SUBDIV DATE	SUB REV. DATE	SUB DATE	SUB DATE	SUB DATE	SUB DATE	SUB DATE	SUB DATE	
Pecan Creek	Pecan Creek N - Parcel 1	20020586	28539	28551	11/25/2002	28539	28551	11/25/2002	28539	28551	11/25/2002	20020586	28539	28551	11/25/2002	28539	28551	11/25/2002	28539	28551	11/25/2002	20020586	28539	28551	11/25/2002	28539	28551	11/25/2002	28539	28551	11/25/2002
Pecan Creek	Pecan Creek S - Unit 1	20050558	36209	36211	11/25/2002	36209	36211	11/25/2002	36209	36211	11/25/2002	20050558	36209	36211	11/25/2002	36209	36211	11/25/2002	36209	36211	11/25/2002	20050558	36209	36211	11/25/2002	36209	36211	11/25/2002	36209	36211	11/25/2002
Pecan Creek	Pecan Creek S - Unit 2	20050558	36209	36211	11/25/2002	36209	36211	11/25/2002	36209	36211	11/25/2002	20050558	36209	36211	11/25/2002	36209	36211	11/25/2002	36209	36211	11/25/2002	20050558	36209	36211	11/25/2002	36209	36211	11/25/2002	36209	36211	11/25/2002
Pecan Creek	Pecan Creek S - Unit 3	20050558	36209	36211	11/25/2002	36209	36211	11/25/2002	36209	36211	11/25/2002	20050558	36209	36211	11/25/2002	36209	36211	11/25/2002	36209	36211	11/25/2002	20050558	36209	36211	11/25/2002	36209	36211	11/25/2002	36209	36211	11/25/2002
Castlegate	Castlegate Infrastructure	20010579	25655	25657	11/14/2001	25655	25657	11/14/2001	25655	25657	11/14/2001	20010579	25655	25657	11/14/2001	25655	25657	11/14/2001	25655	25657	11/14/2001	20010579	25655	25657	11/14/2001	25655	25657	11/14/2001	25655	25657	11/14/2001
Castlegate	Castlegate Parcel 1	20020622	28731	28733	12/12/2002	28731	28733	12/12/2002	28731	28733	12/12/2002	20020622	28731	28733	12/12/2002	28731	28733	12/12/2002	28731	28733	12/12/2002	20020622	28731	28733	12/12/2002	28731	28733	12/12/2002	28731	28733	12/12/2002
Castlegate	Castlegate Parcel 2	20020622	28731	28733	12/12/2002	28731	28733	12/12/2002	28731	28733	12/12/2002	20020622	28731	28733	12/12/2002	28731	28733	12/12/2002	28731	28733	12/12/2002	20020622	28731	28733	12/12/2002	28731	28733	12/12/2002	28731	28733	12/12/2002
Castlegate	Castlegate Parcel 3	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 4	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 5	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 6	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 7	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 8	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 9	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 10	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 11	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 12	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 13	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 14	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 15	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 16	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 17	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 18	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 19	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 20	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 21	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 22	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 23	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 24	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 25	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 26	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001
Castlegate	Castlegate Parcel 27	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/2001	24691	24693	11/14/2001	20010581	24691	24693	11/14/2001	24691	24693	11/14/200			

P.A.D. or MASTER PLAN LOCATION	SUBDIVISION UNIT NUMBER	WATER LINE APPROVAL TO CONSTRUCT (ATC)					SEWER LINE PROVISIONAL VERIFICATION (PV)					SUBDIVISION APPROVAL PHASE								
		ATC PROJECT NO.	ATC LIT. NO.	ATC DATE	ATC REV. DATE	TOTAL NO OF LOTS	LOP @ 240 GPD	PV PROJECT NO.	PV LIT. NO.	PV DATE	PV REV. DATE	TOTAL NO OF LOTS	FLOW @ 187.2	PV DATE	SUBD. PROJECT NO.	SUBD. LIT. NO.	SUBD. DATE	SUBD. REV. DATE	SUBD. DATE	SUBD. REV. DATE
San Tan Heights Phase 2	Parcel 7 @ S.T.H.	20010391	23577	7/16/2001	7/16/2001	114	29,640	20010391	23568	7/16/2001	7/16/2001	114	21341	3/4/2002	20010391	23568	7/16/2001	JIS	3/4/2002	3/4/2002
	Parcel 8 @ S.T.H.	20010392	23578	7/16/2001	7/16/2001	110	28,600	20010392	23569	7/16/2001	7/16/2001	110	20592	3/4/2002	20010392	23569	7/16/2001	JIS	3/4/2002	3/4/2002
	Parcel 9 @ S.T.H.	20010393	23579	7/16/2001	7/16/2001	113	29,380	20010393	23570	7/16/2001	7/16/2001	113	21154	3/4/2002	20010393	23570	7/16/2001	JIS	3/4/2002	3/4/2002
	Parcel 10 @ S.T.H.	20030223	29782	4/11/2003	4/11/2003	110	28,600	20030223	29764	4/11/2003	4/11/2003	110	20592	6/3/2003	20030223	29764	4/11/2003	KC2	6/3/2003	6/3/2003
	Parcel 11 @ S.T.H.	20030224	29783	4/11/2003	4/11/2003	113	29,380	20030224	29765	4/11/2003	4/11/2003	113	21154	6/3/2003	20030224	29765	4/11/2003	KC2	6/3/2003	6/3/2003
	Parcel 12 @ S.T.H.	20030225	29784	4/11/2003	4/11/2003	100	26,000	20030225	29766	4/11/2003	4/11/2003	100	18720	6/3/2003	20030225	29766	4/11/2003	KC2	6/3/2003	6/3/2003
	Parcel 13 @ S.T.H.	20030226	29785	4/11/2003	4/11/2003	116	30,180	20030226	29767	4/11/2003	4/11/2003	116	21715	6/3/2003	20030226	29767	4/11/2003	KC2	6/3/2003	6/3/2003
	Parcel 14 @ S.T.H.	20030227	29786	4/11/2003	4/11/2003	100	26,000	20030227	29768	4/11/2003	4/11/2003	100	18720	6/3/2003	20030227	29768	4/11/2003	KC2	6/3/2003	6/3/2003
	Parcel 15 @ S.T.H.	20030228	29787	4/11/2003	4/11/2003	105	27,300	20030228	29769	4/11/2003	4/11/2003	105	18658	6/3/2003	20030228	29769	4/11/2003	KC2	6/3/2003	6/3/2003
	Parcel 16 @ S.T.H.	20030212	28657	4/9/2003	4/9/2003	153	39,780	20030212	28658	4/9/2003	4/9/2003	153	28642	6/18/2003	20030212	28644	4/9/2003	KC2	10/16/2003	10/16/2003
San Tan Heights Phase 3	Parcel 17 @ S.T.H.	20030211	28659	4/9/2003	4/9/2003	113	28,390	20030211	28679	4/9/2003	4/9/2003	113	21154	6/18/2003	20030211	28685	4/9/2003	KC2	10/16/2003	10/16/2003
	Parcel 18 @ S.T.H.	20030431	33171	6/7/2004	6/7/2004	123	31,980	20030431	33169	6/7/2004	6/7/2004	123	23028	9/22/2005	20030431	33170	6/7/2004	KC2	9/24/2003	9/24/2003
	Parcel 19 @ S.T.H.	20040354	33166	6/7/2004	6/7/2004	98	23,840	20040354	33165	6/7/2004	6/7/2004	98	20405	7/29/2004	20040354	33164	6/7/2004	KC2	7/29/2004	7/29/2004
	Parcel 20 @ S.T.H.	20040355	33167	6/7/2004	6/7/2004	143	37,180	20040355	33166	6/7/2004	6/7/2004	143	20405	7/29/2004	20040355	33164	6/7/2004	KC2	7/29/2004	7/29/2004
	Parcel 21 @ S.T.H.	20040356	33168	6/7/2004	6/7/2004	101	26,280	20040356	33167	6/7/2004	6/7/2004	101	18607	7/29/2004	20040356	33164	6/7/2004	KC2	7/29/2004	7/29/2004
	Parcel 22 @ S.T.H.	20040357	33169	6/7/2004	6/7/2004	82	21,320	20040357	33168	6/7/2004	6/7/2004	82	15350	7/29/2004	20040357	33164	6/7/2004	KC2	7/29/2004	7/29/2004
	Parcel 23 @ S.T.H.	20040358	33170	6/7/2004	6/7/2004	110	28,600	20040358	33169	6/7/2004	6/7/2004	110	20592	7/29/2004	20040358	33164	6/7/2004	KC2	7/29/2004	7/29/2004
	Parcel 24 @ S.T.H.	20040359	33171	6/7/2004	6/7/2004	144	37,440	20040359	33170	6/7/2004	6/7/2004	144	20405	7/29/2004	20040359	33164	6/7/2004	KC2	7/29/2004	7/29/2004
	Parcel 25 @ S.T.H.	20040360	33172	6/7/2004	6/7/2004	108	28,080	20040360	33171	6/7/2004	6/7/2004	108	20218	7/29/2004	20040360	33161	6/7/2004	KC2	9/14/2004	9/14/2004
	Parcel 26 @ S.T.H.	20050711	37154	9/22/2005	9/22/2005	38	10,140	20050711	37153	9/22/2005	9/22/2005	38	7300.8	PENDING	20050711	37153	9/22/2005	KC2	10/12/2004	10/12/2004
San Tan Heights Phase 4	Parcel 27 @ S.T.H.	20050712	37155	9/22/2005	9/22/2005	38	10,140	20050712	37154	9/22/2005	9/22/2005	38	7300.8	PENDING	20050712	37154	9/22/2005	KC2	10/12/2004	10/12/2004
	Parcel 28 @ S.T.H.	20050713	37156	9/22/2005	9/22/2005	38	10,140	20050713	37155	9/22/2005	9/22/2005	38	7300.8	PENDING	20050713	37155	9/22/2005	KC2	10/12/2004	10/12/2004
	Parcel 29 @ S.T.H.	20050714	37157	9/22/2005	9/22/2005	38	10,140	20050714	37156	9/22/2005	9/22/2005	38	7300.8	PENDING	20050714	37156	9/22/2005	KC2	10/12/2004	10/12/2004
	Parcel 30 @ S.T.H.	20050715	37158	9/22/2005	9/22/2005	38	10,140	20050715	37157	9/22/2005	9/22/2005	38	7300.8	PENDING	20050715	37157	9/22/2005	KC2	10/12/2004	10/12/2004
	Parcel 31 @ S.T.H.	20050716	37159	9/22/2005	9/22/2005	38	10,140	20050716	37158	9/22/2005	9/22/2005	38	7300.8	PENDING	20050716	37158	9/22/2005	KC2	10/12/2004	10/12/2004
	Parcel 32 @ S.T.H.	20050717	37160	9/22/2005	9/22/2005	38	10,140	20050717	37159	9/22/2005	9/22/2005	38	7300.8	PENDING	20050717	37159	9/22/2005	KC2	10/12/2004	10/12/2004
	Parcel 33 @ S.T.H.	20050718	37161	9/22/2005	9/22/2005	38	10,140	20050718	37160	9/22/2005	9/22/2005	38	7300.8	PENDING	20050718	37160	9/22/2005	KC2	10/12/2004	10/12/2004
	Parcel 34 @ S.T.H.	20050719	37162	9/22/2005	9/22/2005	38	10,140	20050719	37161	9/22/2005	9/22/2005	38	7300.8	PENDING	20050719	37161	9/22/2005	KC2	10/12/2004	10/12/2004
	Parcel 35 @ S.T.H.	20050720	37163	9/22/2005	9/22/2005	38	10,140	20050720	37162	9/22/2005	9/22/2005	38	7300.8	PENDING	20050720	37162	9/22/2005	KC2	10/12/2004	10/12/2004
	Parcel 36 @ S.T.H.	20050721	37164	9/22/2005	9/22/2005	38	10,140	20050721	37163	9/22/2005	9/22/2005	38	7300.8	PENDING	20050721	37163	9/22/2005	KC2	10/12/2004	10/12/2004
Morning Sun Farms	Model Complex Phase 1	20030012	28971	1/23/2003	1/23/2003	645	167,700	20030012	28971	1/23/2003	1/23/2003	645	120744	5/2/2003	20030012	28970	1/23/2003	KC2	5/2/2003	5/2/2003
	Phase 1	20030013	30115	9/3/2003	9/3/2003	16	4,180	20030013	30113	9/3/2003	9/3/2003	16	2395.2	5/2/2003	20030013	30112	9/3/2003	SH1	9/29/2003	9/29/2003
	Phase 2	20040148	32289	2/19/2004	2/19/2004	285	74,100	20040148	32300	2/19/2004	2/19/2004	285	53332	4/15/2004	20040148	32301	2/19/2004	SH1	5/29/2003	5/29/2003
	Phase 3	20050411	36389	5/19/2005	5/19/2005	343	89,580	20050411	36388	5/19/2005	5/19/2005	343	71688	7/22/2005	20050411	36387	5/19/2005	SH1	9/14/2004	9/14/2004
	Phase 3	20050411	36389	5/19/2005	5/19/2005	343	89,580	20050411	36388	5/19/2005	5/19/2005	343	71688	7/22/2005	20050411	36387	5/19/2005	SH1	9/14/2004	9/14/2004
TOTAL		20030023	28982	1/23/2003	1/23/2003	645	167,700	20030023	28982	1/23/2003	1/23/2003	645	120744	5/2/2003	20030023	28981	1/23/2003	KC2	5/2/2003	5/2/2003
TOTAL		20030024	28983	1/23/2003	1/23/2003	16	4,180	20030024	28983	1/23/2003	1/23/2003	16	2395.2	5/2/2003	20030024	28982	1/23/2003	KC2	5/2/2003	5/2/2003
TOTAL		20030025	28984	1/23/2003	1/23/2003	253	65,780	20030025	28984	1/23/2003	1/23/2003	253	47382	5/2/2003	20030025	28983	1/23/2003	KC2	5/2/2003	5/2/2003
TOTAL		20030026	28985	1/23/2003	1/23/2003	285	74,100	20030026	28985	1/23/2003	1/23/2003	285	53332	4/15/2004	20030026	28984	1/23/2003	KC2	4/15/2004	4/15/2004
TOTAL		20030027	28986	1/23/2003	1/23/2003	343	89,580	20030027	28986	1/23/2003	1/23/2003	343	71688	7/22/2005	20030027	28985	1/23/2003	KC2	7/22/2005	7/22/2005
TOTAL		20030028	28987	1/23/2003	1/23/2003	16	4,180	20030028	28987	1/23/2003	1/23/2003	16	2395.2	5/2/2003	20030028	28986	1/23/2003	KC2	5/2/2003	5/2/2003
TOTAL		20030029	28988	1/23/2003	1/23/2003	253	65,780	20030029	28988	1/23/2003	1/23/2003	253	47382	5/2/2003	20030029	28987	1/23/2003	KC2	5/2/2003	5/2/2003
TOTAL		20030030	28989	1/23/2003	1/23/2003	285	74,100	20030030	28989	1/23/2003	1/23/2003	285	53332	4/15/2004	20030030	28988	1/23/2003	KC2	4/15/2004	4/15/2004
TOTAL		20030031	28990	1/23/2003	1/23/2003	343	89,580	20030031	28990											

**City of Maricopa, Arizona
Management's Discussion and Analysis (MD&A)
Year Ended June 30, 2005**

CAPITAL ASSETS AND DEBT ADMINISTRATION, continued

Debt Administration. As of June 30, 2005, the City had no long-term debt outstanding and lacked the legal capacity to issue most common forms of long-term debt obligations. Arizona state statutes require the City to obtain the approval of the voters prior to issuing most forms of general obligation and revenue type bonds. To date, the City has not yet had to seek the approval of the voters to issue debt.

ECONOMIC FACTORS AND NEXT YEAR'S BUDGET

City management considered many factors in the process of developing the operating budget for the fiscal year 2005-2006. The most significant factors affecting the subsequent year's budget are:

- The City is currently in a "hyper-growth" phase that is projected to result in an increase in the City's population from its current level of approximately 5,000 to over 150,000 within ten years. As a result of this growth, the City anticipates that it will have to add approximately twenty new full-time employees and an equal number of contract employees during the next fiscal year.
- As a result of the continuing growth, the City will be expanding its contract with the Pinal County Sheriff's Office for police services within the incorporated city limits. The costs of police services are projected to increase to \$ 2.5 million in FY 06 from the \$ 810,924 expended in FY 05.
- The City adopted its first CIP in October of 2005 which provides a twenty year outlook on the infrastructure needs of the City. That program has programmed expenditures of \$199,481,837 over the first five years of its life.
- The City adopted and implemented a development impact fee program which requires residential and commercial developments to help pay for the effects growth has on the City's capital infrastructure needs. The fees generated by this program are expected to fund a significant portion of the CIP.

CONTACTING THE CITY'S FINANCIAL MANAGEMENT

This financial report is designed to provide our citizens, taxpayers, customers, investors, and creditors with a general overview of the City's finances and to demonstrate the City's accountability for the money it receives. If you have questions about this report or need additional information, contact the Finance Department, City of Maricopa, P.O. Box 610, Maricopa, AZ 85239.

**JULY 1, 2005 POPULATION ESTIMATES FOR ARIZONA, COUNTIES AND
INCORPORATED PLACES RANKED BY PERCENT CHANGE: 2000-2005**

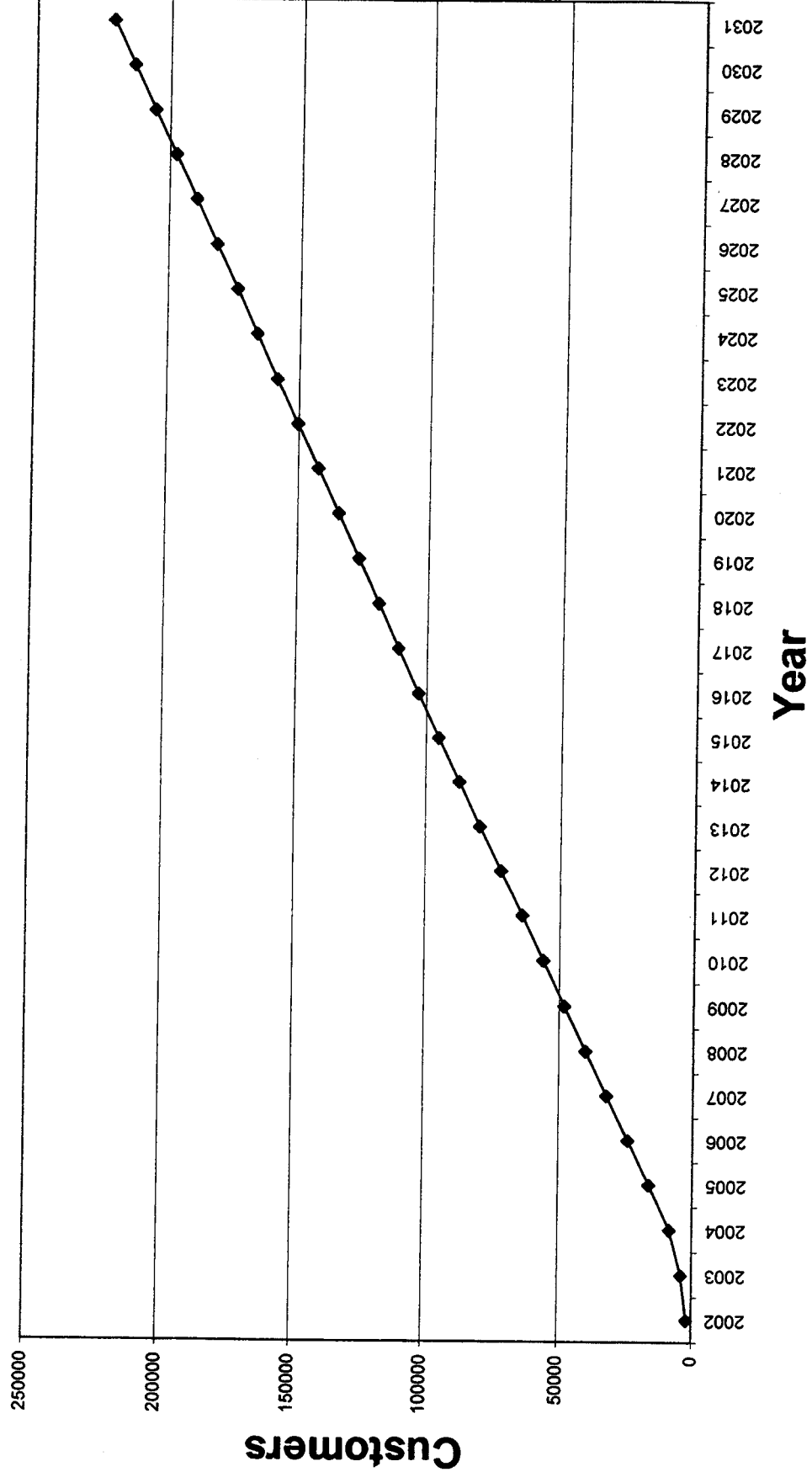
Rank	<u>Area</u>	<u>DES Estimate</u> <u>7/1/2005</u>	<u>Census</u> <u>April 1, 2000</u>	<u>Number</u> <u>Change</u>	<u>Percent</u> <u>Change</u>
	Arizona	6,044,985	5,130,632	914,353	17.8%
1	Pinal County	246,660	179,727	66,933	37.2%
2	Yavapai County	205,105	167,517	37,588	22.4%
3	Mohave County	188,035	155,032	33,003	21.3%
4	Maricopa County	3,648,545	3,072,149	576,396	18.8%
5	Yuma County	189,480	160,026	29,454	18.4%
6	Santa Cruz County	44,055	38,381	5,674	14.8%
7	Pima County	957,635	843,746	113,889	13.5%
8	Navajo County	109,985	97,470	12,515	12.8%
9	Coconino County	130,530	116,320	14,210	12.2%
10	Cochise County	131,790	117,755	14,035	11.9%
11	La Paz County	21,190	19,715	1,475	7.5%
12	Apache County	73,775	69,423	4,352	6.3%
13	Gila County	54,445	51,335	3,110	6.1%
14	Graham County	35,455	33,489	1,966	5.9%
15	Greenlee County	8,300	8,547	-247	-2.9%
	<u>Place</u>				
1	Maricopa	9,790	1,482	8,308	560.6%
2	Sahuarita	13,990	3,242	10,748	331.5%
3	El Mirage	29,630	7,609	22,021	289.4%
4	Queen Creek	15,890	4,316	11,574	268.2%
5	Surprise	78,265	30,848	47,417	153.7%
6	Buckeye	20,780	8,497	12,283	144.6%
7	Goodyear	41,225	18,911	22,314	118.0%
8	Marana	26,725	13,556	13,169	97.1%
9	Avondale	66,110	35,883	30,227	84.2%
10	Gilbert	178,000	109,697	68,303	62.3%
11	Chino Valley	12,325	7,835	4,490	57.3%
12	San Luis	22,930	15,322	7,608	49.7%
13	Prescott Valley	33,575	23,535	10,040	42.7%
14	Florence	20,530	14,466	6,064	41.9%
15	Youngtown	4,055	3,010	1,045	34.7%
16	Somerton	9,750	7,266	2,484	34.2%
17	Oro Valley	39,400	29,700	9,700	32.7%
18	Chandler	231,785	176,581	55,204	31.3%
19	Wickenburg	6,590	5,082	1,508	29.7%
20	Taylor	4,100	3,176	924	29.1%
21	Kingman	25,860	20,069	5,791	28.9%
22	Casa Grande	32,470	25,224	7,246	28.7%
23	Show Low	9,885	7,695	2,190	28.5%
24	Lake Havasu City	53,435	41,938	11,497	27.4%
25	Peoria	137,295	108,364	28,931	26.7%
26	Cave Creek	4,615	3,728	887	23.8%

27 Colorado City	4,080	3,334	746	22.4%
28 Douglas	17,195	14,312	2,883	20.1%
29 Prescott	40,770	33,938	6,832	20.1%
30 Carefree	3,500	2,927	573	19.6%
31 Cottonwood	10,860	9,179	1,681	18.3%
32 Saint Johns	3,865	3,269	596	18.2%
33 Pinetop-Lakeside	4,165	3,582	583	16.3%
34 Flagstaff	61,185	52,894	8,291	15.7%
35 Sierra Vista	43,690	37,775	5,915	15.7%
36 Yuma	88,775	77,515	11,260	14.5%
37 Fountain Hills	23,105	20,235	2,870	14.2%
38 Mesa	452,355	396,375	55,980	14.1%
38 Camp Verde	10,730	9,451	1,279	13.5%
38 Payson	15,430	13,620	1,810	13.3%
41 Bullhead City	38,210	33,769	4,441	13.2%
42 Thatcher	4,550	4,022	528	13.1%
43 Litchfield Park	4,265	3,810	455	11.9%
44 Williams	3,145	2,842	303	10.7%
45 Snowflake	4,935	4,460	475	10.7%
46 Scottsdale	223,835	202,705	21,130	10.4%
47 Holbrook	5,425	4,917	508	10.3%
48 Phoenix	1,452,825	1,321,045	131,780	10.0%
48 Eagar	4,435	4,033	402	10.0%
50 Tolleson	5,460	4,974	486	9.8%
51 Tucson	529,770	486,699	43,071	8.8%
52 Bisbee	6,570	6,090	480	7.9%
53 Glendale	236,030	218,812	17,218	7.9%
54 Wellton	1,970	1,829	141	7.7%
55 Clarkdale	3,680	3,422	258	7.5%
55 Quartzsite	3,600	3,354	246	7.3%
57 Sedona	10,935	10,192	743	7.3%
58 Eloy	11,125	10,375	750	7.2%
59 Fredonia	1,110	1,036	74	7.1%
59 Apache Junction	34,070	31,814	2,256	7.1%
61 Tombstone	1,610	1,504	106	7.0%
62 Paradise Valley	14,560	13,664	896	6.6%
63 Coolidge	8,180	7,786	394	5.1%
64 Pima	2,085	1,989	96	4.8%
65 Springerville	2,065	1,972	93	4.7%
66 Nogales	21,830	20,878	952	4.6%
67 Huachuca City	1,830	1,751	79	4.5%
67 Parker	3,280	3,140	140	4.5%
69 Patagonia	920	881	39	4.4%
69 Page	7,110	6,809	301	4.4%
71 Willcox	3,885	3,733	152	4.1%
72 Guadalupe	5,425	5,228	197	3.8%
73 Gila Bend	2,050	1,980	70	3.5%
74 Winslow	9,835	9,520	315	3.3%
74 South Tucson	5,630	5,490	140	2.6%
74 Safford	9,360	9,232	128	1.4%
77 Tempe	160,725	158,625	2,100	1.3%
78 Miami	1,955	1,936	19	1.0%

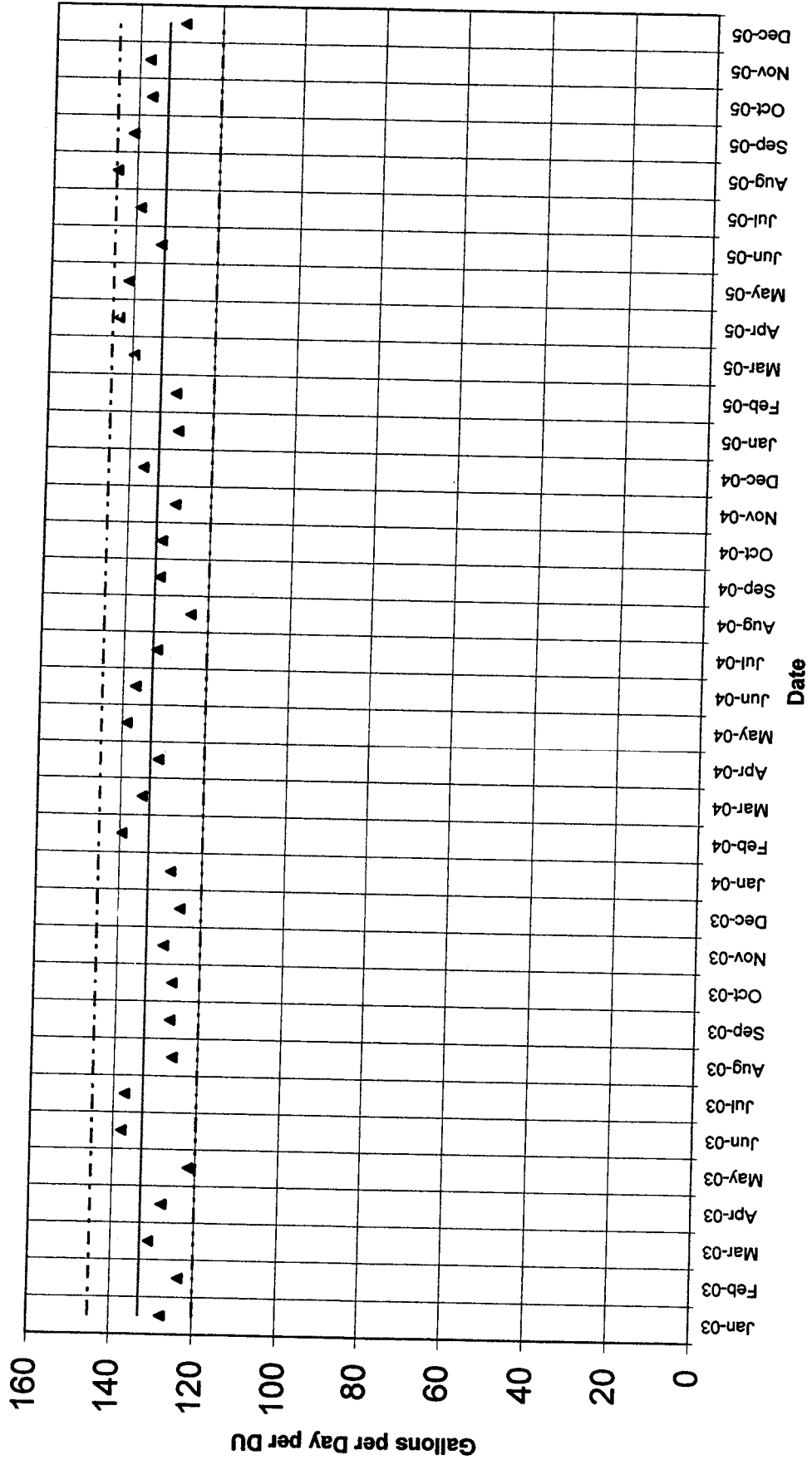
78 Benson	4,740	4,711	29	0.6%
78 Jerome	330	329	1	0.3%
81 Globe	7,495	7,486	9	0.1%
82 Duncan	805	812	-7	-0.9%
83 Mammoth	1,740	1,762	-22	-1.2%
84 Winkelman	435	443	-8	-1.8%
85 Superior	3,170	3,254	-84	-2.6%
86 Kearny	2,185	2,249	-64	-2.8%
87 Hayden	860	892	-32	-3.6%
88 Clifton	2,495	2,596	-101	-3.9%

Population Statistics Unit, Arizona Department of Economic Security (602) 542-5984

Johnson Utilities, L.L.C. Projected Growth



Johnson Utilities, L.L.C.
Wastewater Inflow Data
January 2003 - December 2005

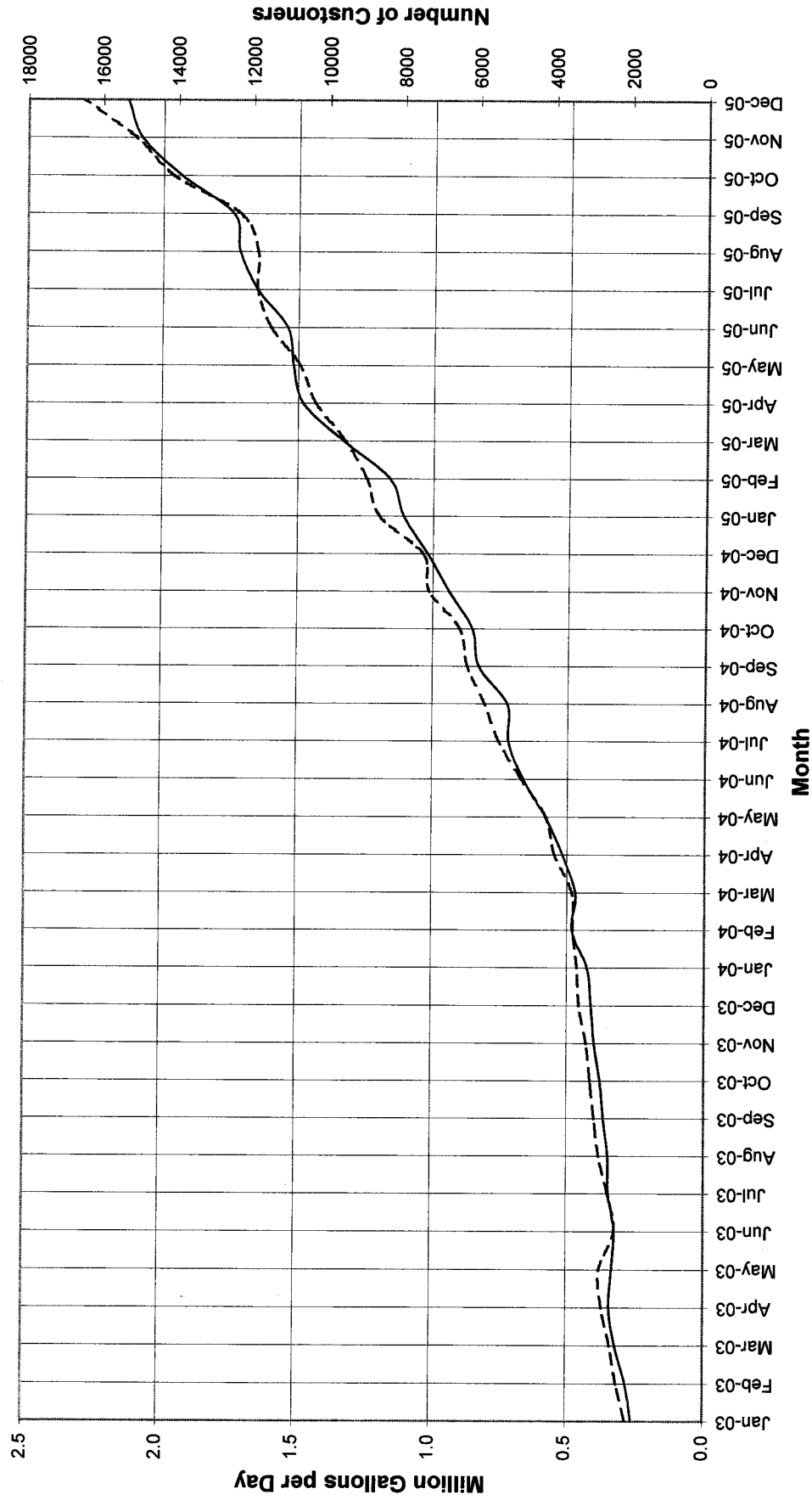


▲ gpd/DU — Average Flow (133) - - - +2 Std Dev (145) . . . -2 Std Dev (120)

Johnson Utilities, L.L.C.

Monthly Average Data

January 2003 - December 2005



— Average Monthly Flow - - - Customers

APPENDIX E
DESIGNATED MANAGEMENT AGENCY QUALIFICATION OF
JOHNSON UTILITES, L.L.C. WITHIN THE
CAAG 208 WATER QUALITY PLAN

**DESIGNATED MANAGEMENT AGENCY QUALIFICATION OF
JOHNSON UTILITIES, L.L.C. WITHIN THE
CAAG 208 AREAWIDE WATER QUALITY PLAN**

The following demonstrates how Johnson Utilities, L.L.C., a private utility, functions as a designated Management Agency (DMA) within the 208 Areawide Water Quality Management Plan, Central Association of Governments, 1994. Below are the functions of a DMA and the authority by which Johnson Utilities satisfies Sections 208(c)(2) (A) through (I) of the Clean Water Act.

Clean Water Act Section 208(c)(2)(A) to carry out appropriate portions of an areawide waste treatment management plan developed under subsection (b) of this section;

The DMA is defined in Arizona Administrative Code (A.A.C.) R18-5-301(2) as the entity "designated in a Certified Areawide Water Quality Management Plan to manage sewage treatment facilities and sewage collection systems in their respective area." This definition is consistent with Section 208 of the Clean Water Act, which states the DMA shall have legal authority "to carry out appropriate portions of an areawide waste treatment management plan" developed under Section 208, 33 U.S.C. 1288(c). Johnson Utilities is identified as the provider of sewage treatment, collection and reclaimed water services within its franchise areas granted by Pinal County. The franchise is granted for the purpose of constructing, operating and maintaining sewer lines and related appurtenances along, under and across public streets, alleys, and highways within the unincorporated area of Pinal County. Johnson Utilities also receives authority to design, construct, operate and maintain wastewater collection and treatment systems from the Arizona Corporation Commission (A.C.C.) through the approval of a Certificate of Convenience and Necessity (CC&N), which is predicated on an approved 208 plan. As such, Johnson Utilities is charged with the responsibility for effective management of the sewer system. Further, Johnson Utilities receives authority to operate and regulate any users via A.A.C. R14-2-609 (B) and (C), contractual obligations and Johnson Utilities' standard practices. Therefore, Johnson Utilities as a CC&N certificated sewage treatment service provider, has the authorities of a DMA required to implement the certified areawide management plan.

(B) to manage effectively waste treatment works and related facilities serving such area in conformance with any plan required by subsection (b) of this section;

As stated in (A), Johnson Utilities is charged with the responsibility for effective management of the wastewater treatment plants and the sewage collection system. In Arizona, all private or municipal owned wastewater treatment plants and the sewage collection systems operate under 18 A.A.C. 9, Articles 1 – 3, pursuant to Arizona Revised Statutes (A.R.S.) §49-104(B)(13). In accordance with 18 A.A.C. 5, Article 1, all wastewater treatment plants and sewage collection system must operate under the direct responsible charge of a "Certified Operator". ADEQ's Operator Certification Program establishes guidelines to ensure that only certified operators make decisions about process control or system integrity that affects public health. The program establishes minimum standards for certification and recertification of the operators of community and non-transient non-community public water systems. Johnson Utilities has ADEQ qualified and certified operators.

Johnson Utilities enforces the Tariff, administrative codes and revised statutes of the State of Arizona, and local ordinances. These rules and regulations are enforceable per the authority granted to sewer utilities established under Title 14, Chapter 2, and Article 6 of the A.A.C. Johnson Utilities has adopted the Rules and Regulations established by the Commission as the basis for its operating procedures. A.A.C. R14-2-601 through A.A.C. R14-2-609 control Johnson Utilities' procedures, unless specifically approved tariffs or Commission Order(s) provide otherwise. (see page 28 of the Tariff).

Pursuant to the A.A.C. R14-2-311(B)(1), Johnson Utilities may disconnect sewer service without advance written notice under the following conditions:

- a. The existence of an obvious hazard to the safety or health of the consumer or the general population.
- b. The utility has evidence of meter tampering or fraud.
- c. Failure of a customer to comply with the curtailment procedures imposed by a utility during supply shortages.

Johnson Utilities is not required to restore service until the conditions which resulted in the termination have been corrected to the satisfaction of the utility. Johnson Utilities may also disconnect service to any customer for any reason stated below provided the utility has met the notice requirements established by the Commission:

- a. Customer violation of any of the utility's tariffs.
- b. Failure of the customer to pay a delinquent bill for utility service.
- c. Failure to meet or maintain the utility's deposit requirements.
- d. Failure of the customer to provide the utility reasonable access to its equipment and property.
- e. Customer breach of a written contract for service between the utility and customer.
- f. When necessary for the utility to comply with an order of any governmental agency having such jurisdiction.

A customer has the right to dispute the disconnection by making arrangements to discuss the cause with Johnson Utilities. If Johnson Utilities concludes that the reason for termination is justified, the customer is advised of their right to file a complaint with the Commission.

Upon request for service from any landowner within the service area, but outside of the CC&N area, Johnson Utilities will apply for the expansion of the CC&N pursuant to A.A.C R14-2-602(B), "Additions/extensions to existing Certificates of Convenience and Necessity. Each utility which proposes to extend utility service to a person not located within its certificated service area, but located in a non-certificated area contiguous to its certificated service area, shall, prior to the extension of service, notify the Commission of such service extension. Such notification shall be in writing and shall be verified and shall set forth, at a minimum, the number of persons or entities proposed to be served by such service extension, their location in relation to the certificated area of the utility and a statement of the utility that the service extension is to a non-certificated area which is contiguous to its certificated area. Where emergency service is required to be provided to a customer in a non-certificated area contiguous to the utility certificated area, the utility shall advise the Commission simultaneously of such extension and the written notification shall set forth the nature and extent of the emergency."

(C) directly or by contract, to design and construct new works, and to operate and maintain new and existing works as required by any plan developed pursuant to subsection (b) of this section;

Johnson Utilities authority to design and construct new works, and to operate and maintain new and existing works within the area covered by the Section 208 Amendment derives from the same Tariff, administrative codes and revised statutes of the State of Arizona, and local ordinances as stated above. The franchise is granted for the purpose of constructing, operating and maintaining sewer lines and related appurtenances along, under and across public streets, alleys, and highways within the unincorporated area of Pinal County.

Johnson Utilities as a corporation has the authority pursuant to A.R.S. § 10-302 to contract with engineering firms and other contractors to the extent necessary to design construct, operate and maintain the collection and treatment systems.

(D) to accept and utilize grants, or other funds from any source, for waste treatment management purposes;

Johnson Utilities as a public service corporation has the authority pursuant to A.R.S. § 10-302 to accept grants or other funds for waste treatment management purposes. In addition, A.R.S. §§ 40-201 through 40-495 provides Johnson Utilities with specific authority to generate, secure, accept and utilize funds through its service rates for customers, the issuance of bonds and other contracts for debt, and the issuance of stock or other forms of equity. The CC&N issued defines how that authority may be applied.

(E) to raise revenues, including the assessment of waste treatment charges;

Johnson Utilities customers pay user fees based upon fair value as determined by the Arizona Corporation Commission (A.C.C.). The user fees are published in the attached A.C.C. approved Tariff, I. Rates, approved on May 30, 1997. Section III of the Tariff allows for off-site hook-up fees. The fees are established to equitably apportion the cost of off-site wastewater facility development among all new service connections. In addition, JUC can also collect fees in accordance with A.A.C. R14-2-608(D)(5): "In addition to the collection of regular rates, each utility may collect from its customers a proportionate share of any privilege, sales or use tax, or other imposition based on the gross revenues received by the utility."

(F) to incur short- and long-term indebtedness;

Johnson Utilities as a public service corporation has the authority pursuant to A.R.S. § 10-302 to incur short – long term indebtedness. In addition, A.R.S. §§ 40-201 through 40-495 provides Johnson Utilities with specific authority to issue bonds and equity and enter into other contracts.

(G) to assure in implementation of an areawide waste treatment management plan that each participating community pays its proportionate share of treatment costs;

The southern portion of the franchise area is within the Town of Florence which is a DMA. This area includes but is not limited to the Anthem at Merrill Ranch Planned Unit Development and the proposed Walker Butt development. The Town of Florence has entered into an agreement with Johnson Utilities to serve this area. The agreement was recorded on May 5, 2005, under fee number 2005-051154. Out side of the area within the Town of Florence, JUC serves an unincorporated area of Pinal County where there are no participating communities.

Johnson Utilities authority to assure each community that is served is paying its proportionate share of cost for sewer collection and treatment derives from A.R.S. §§ 40-201 through 40-495. These statutes provide Johnson Utilities with the authority to pass on costs to customers by charging them rates. These rates are set by the Arizona Corporation Commission in such a manner that they are proportionate and equitable.

(H) to refuse to receive any wastes from any municipality or subdivision thereof, which does not comply with any provisions of an approved plan under this section applicable to such area; and

In accordance with the A.C.C. approved Tariff (I. Customer Discharge to System, B. Waste Limitations) Johnson Utilities has established waste limitations. Johnson Utilities has established the permissible limits of concentration as domestic strength wastewater and limits concentration for various specific substances, materials, waters, or wastes that can be accepted in the sewer system. This section limits any person, whether a municipality or subdivision thereof, to discharge any storm water, surface water, groundwater, roof runoffs, subsurface drainage, cooling water, or polluted industrial process waters into the sewage collection system. These limitations are specified in the Tariff.

JUC enforces the limits of these discharges through the Corporation's sewer utility rules, A.A.C. Title 14, Chapter 2, Article 6. (see attached rules). A.A.C. R14-2-603(C)(2) authorizes Johnson Utilities to refuse service if "a condition exists which in the utility's judgment is unsafe or hazardous to the applicant, the general population, or the utility's personnel or facilities." A.A.C. R14-2-609(B)(1)(a) authorizes Johnson Utilities to terminate service without notice for "the existence of an obvious hazard to the safety or health of the consumer or the general population."

(I) to accept for treatment industrial wastes.

A.R.S. §§ 40-201 through 40-495 and the CC&N provide Johnson Utilities the authority to receive wastewater irrespective of the source. The Tariff and rules allow Johnson Utilities to regulate the characteristics of the wastewater. The Johnson Utilities, L.L.C., Design Guide and Standard Details prescribe the standards for design and construction, of the sewage collection system. Section 3.7, Pretreatment Standards, require all customers connected to the sewage collection system to comply with all applicable pretreatment standards that are based on standards established by the EPA, State of Arizona, and Johnson Utilities. A copy of Section 3.7 is attached.

In accordance with the A.C.C. approved Tariff (I. Customer Discharge to System, B. Waste Limitations) Johnson Utilities has established waste limitations. The Tariff requires all

commercial and industrial customers, including their professional engineer, to provide an affidavit stating that the wastewater discharged to the system does not exceed domestic strength. Domestic strength wastewater is defined in 18 A.A.C. 9, Article 1, which states that the total suspended solids (TSS) content does not exceed 430 mg/l, the five-day biochemical oxygen demand (BOD5) does not exceed 380 mg/l, the total nitrogen does not exceed 53 mg/l, and the content of oil and grease does not exceed 75 mg/l. In the event the wastewater discharged is not as stipulated in the affidavit, A.A.C. R14-2-609(C)(1)(e) authorizes Johnson Utilities to terminate service for a customer's breach of a written contract.

JUC enforces the limits of these discharges through the Corporation's sewer utility rules, A.A.C. Title 14, Chapter 2, Article 6. (see attached rules). A.A.C. R14-2-603(C)(2) authorizes Johnson Utilities to refuse service if "a condition exists which in the utility's judgment is unsafe or hazardous to the applicant, the general population, or the utility's personnel or facilities." A.A.C. R14-2-609(B)(1)(a) authorizes Johnson Utilities to terminate service without notice for "the existence of an obvious hazard to the safety or health of the consumer or the general population." In the event of an upset defined by A.R.S. § 49-255(8) caused by an industrial discharge, it would be considered an obvious hazard to the general population and result in determination of service.

In all cases of termination, a customer has the right to dispute the disconnection by making arrangements to discuss the cause with Johnson Utilities. If Johnson Utilities concludes that the reason for termination is justified, the customer is advised of their right to file a complaint with the Commission.

Pursuant to the Tariff, Section C. Inspection and Right of Entry, Johnson Utilities has the ability to inspect any facility that is directly or indirectly discharging to the wastewater treatment plants. Section D, Termination of Water Service for Violation of Wastewater Rules and Regulations, allow Johnson Utilities to discontinue service to any customer who violates the conditions set forth in Part Four of the Tariff.

References:

A.A.C. Title 14, Chapter 2, Article 6, Sewer Utilities
<http://www.azleg.state.az.us/ArizonaRevisedStatutes.asp?Title=40>

A.R.S. Title 40 - Public Utilities and Carriers
http://www.azsos.gov/public_services/Title_14/14-02.htm

Johnson Utilities, L.L.C. Tariff
<http://www.cc.state.az.us/utility/tariff/johnson%20util-sewer.pdf>

Johnson Utilities, L.L.C.
Design Guide and Standard Details
December 2006

3.7 Pretreatment Standards

3.7.1 Applicability

In accordance with the Johnson Utilities' Tariff (I. Customer Discharge to System, B. Waste Limitations) Johnson Utilities has established waste limitations. The Tariff requires all commercial and industrial customers, including their professional engineer, to provide an affidavit stating that the wastewater discharged to the system does not exceed domestic strength. Domestic strength wastewater is defined in 18 A.A.C. 9, Article 1, which states that the total suspended solids (TSS) content does not exceed 430 mg/l, the five-day biochemical oxygen demand (BOD5) does not exceed 380 mg/l, the total nitrogen does not exceed 53 mg/l, and the content of oil and grease does not exceed 75 mg/l. In the event the wastewater discharged is not as stipulated in the affidavit, A.A.C. R14-2-609(C)(1)(e) authorizes Johnson Utilities to terminate service for a customer's breach of a written contract.

3.7.2 Enforcement

JUC enforces the limits of these discharges through the Corporation's sewer utility rules, A.A.C. Title 14, Chapter 2, Article 6. A.A.C. R14-2-603(C)(2) authorizes Johnson Utilities to refuse service if "a condition exists which in the utility's judgment is unsafe or hazardous to the applicant, the general population, or the utility's personnel or facilities." A.A.C. R14-2-609(B)(1)(a) authorizes Johnson Utilities to terminate service without notice for "the existence of an obvious hazard to the safety or health of the consumer or the general population." In the event of an upset defined by A.R.S. § 49-255(8) caused by an industrial discharge, it would be considered an obvious hazard to the general population and result in determination of service.

In all cases of termination, a customer has the right to dispute the disconnection by making arrangements to discuss the cause with Johnson Utilities. If Johnson Utilities concludes that the reason for termination is justified, the customer is advised of their right to file a complaint with the Commission.

Pursuant to the Tariff, Section C. Inspection and Right of Entry, Johnson Utilities has the right to inspect any facility that is directly or indirectly discharging to the wastewater treatment plants. Section D, Termination of Water Service for Violation of Wastewater Rules and Regulations, allow Johnson Utilities to discontinue service to any customer who violates the conditions set forth in Part Four of the Tariff.

3.7.3 Commercial Waste

All commercial and light industrial facilities are required to have grease traps or interceptors in accordance with the Uniform Plumbing Code, Chapter 10. Johnson Utilities may waive this requirement based on information provided in the affidavit.

3.7.4 Industrial Waste

If a facility generates industrial process wastewater that comes from metal-finishing or other industrial processes covered by the EPA categories listed in 40 CFR 413 – 471 and discharges the wastewater to a Johnson Utilities' water reclamation plant, the following must be provided for approval by Johnson Utilities. Refer to the Code of Federal Regulations (CFR) for the specific subcategory, as specified in Table 1, and to the specific instructions for an item to determine whether an item is applicable.

1. Principal Facility Activity. Briefly describe the principal product produced or service provided at the facility. Provide applicable Standard Industrial Classification (SIC) code(s) for these activities, if known. Refer to the Code of Federal Regulations (CFR) for the specific subcategory, as specified in Table 1, and to the specific instructions for an item to determine whether an item is applicable.

2. Pretreatment Point Source Category. Provide the name of the pretreatment point source category which you believe your facility is subject to. The categories are listed in Table 1, below, along with a reference to the relevant citation in the Code of Federal Regulations (CFR). Also list the subcategory or subcategories your facility is subject to, if applicable. The complete listing of subcategories and descriptions are provided in the relevant CFR part.

3. Production. If the Pretreatment Point Source Category your facility is subject to uses production based limits, provide the facility's average production for each regulated process. Refer to the pretreatment category summary to determine whether your facility is subject to production based limits. The summary should also list the processes for which production is needed and the production basis and units in which production should be provided. The production provided should be an actual annual average production, not a facility capacity.

4. Monitoring Points. A "monitoring point" is the location, following treatment, where wastewater being discharged can be monitored, and is the point at which pretreatment standards must be complied with. Describe all monitoring point(s) at your facility. Whenever possible, a single monitoring point should be selected, and should contain all the flow of regulated process with no dilution waste streams.

5. Wastewater Flows. List the separate wastewater streams at the facility and indicate the average and maximum flow rates for each waste stream. If wastewater from one process is subsequently used in another process, please note that fact, and do not include it more than once in the total.

A. Regulated Processes. Individually list each wastewater discharging process that is regulated by any of the pretreatment point source categories your facility is subject to. Only wastewater from processes subject to National Categorical Pretreatment Standards should be listed.

B. Unregulated Processes. Individually list processes not regulated by National Categorical Pretreatment standards, but which are present at a monitoring point(s), or which have the

potential to be contaminated with the same pollutants, or pollutants similar to regulated waste streams.

C. Dilution Water. Individually list any other wastewater flows that are present at a monitoring point(s), such as cooling water and sanitary wastewaters. Include only wastewaters present at your monitoring point(s).

D. Total Wastewater Flow. Indicate the total flow of all wastewater flows present at a monitoring point.

6. Wastewater Quality. Identify pollutants contained or potentially contained in the wastewater discharge. Be sure to include all pollutants potentially present at your facility regulated by the pretreatment point source category which your facility is subject to, and unregulated pollutants that may be present. Indicate the processes which result in the discharge of each pollutant, and summarize monitoring data for each pollutant. If additional space is needed, attach a sheet containing all relevant data. All data submitted should be summarized unless you have been specifically instructed otherwise. Laboratory analysis sheets should not be submitted unless specifically requested. If your facility is required to submit a Baseline Monitoring Report (BMR), you may need to perform additional monitoring.

Industrial users subject to National Categorical Pretreatment Standards are required to submit a baseline monitoring report. If this application is for new permit, either for a new or existing facility, and a Baseline Monitoring Report has not previously been submitted, the information required for a baseline monitoring report must be included in this application or submitted separately.

7. Solvent Use. If your facility is subject to a National Categorical Pretreatment standard with limits for Total Toxic Organics (TTO), list all constituents of Total Toxic Organics (TTO) for your category that are used or produced at your facility. Organic Management Plan (TOMP) must be submitted and approved by Johnson Utilities. The Toxic Organics Management Plan (TOMP), when required, must contain at least the following elements:

- a. a list of all materials or products at the Facility containing constituents of Total Toxic Organics (TTO) and the respective constituent of TTO for each material or product, including any material or product that may contain a constituent of TTO as a component of a trade name compound;
- b. a description of the method of organic compound disposal; and,
- c. procedures and control measures used by the Permittee to prevent toxic organics from entering the POTW system whether by spill, leak, discharge or any other means.

8. Wastewater Treatment and Discharge. Describe the wastewater treatment given to each process wastewater stream. Where multiple wastewater streams are treated together, list the streams that are treated together and describe the treatment that all are given. Indicate whether the discharge is continuous or a batch discharge. Attach a flow chart to this application if needed

to describe the treatment provided and its relationship to processes that produce wastewater and discharge monitoring points.

9. Name of Johnson Utilities Water Reclamation Plant Receiving Discharge. Provide the name of the plant receiving discharge from the facility.

Table 1. Listing of Pretreatment Categories and Corresponding CFR Reference

<u>Pretreatment Category</u>	<u>CFR Reference</u>
Aluminum Forming	40 CFR 467
Asbestos Manufacturing	40 CFR 427
Battery Manufacturing	40 CFR 461
Builders' Paper and Board Mills	40 CFR 431
Carbon Black Manufacturing	40 CFR 458
Cement Manufacturing	40 CFR 411
Coil Coating	40 CFR 465
Copper Forming	40 CFR 468
Dairy Products Processing	40 CFR 405
Electrical and Electronic Components	40 CFR 469
Electroplating	40 CFR 413
Feedlots	40 CFR 412
Ferroalloy Manufacturing	40 CFR 424
Fertilizer Manufacturing	40 CFR 418
Fruits and Vegetables Processing and Manufacturing	40 CFR 407
Glass Manufacturing	40 CFR 426
Grain Mills Manufacturing	40 CFR 406
Ink Formulating	40 CFR 447
Inorganic Chemicals Manufacturing	40 CFR 415
Iron and Steel Manufacturing	40 CFR 420
Leather Tanning and Finishing	40 CFR 425
Meat Processing	40 CFR 432
Metal Finishing	40 CFR 433
Metal Molding and Casting	40 CFR 464
Nonferrous Metals Forming and Metal Powders	40 CFR 471
Nonferrous Metals Manufacturing	40 CFR 421
Oil and Gas Extraction	40 CFR 435
Paint Formulating	40 CFR 446
Paving and Roofing (Tars and Asphalt)	40 CFR 443
Pesticide Chemicals	40 CFR 455
Petroleum Refining	40 CFR 415
Pharmaceutical Manufacturing	40 CFR 439
Phosphate Manufacturing	40 CFR 422
Plastics Molding and Forming	40 CFR 463
Porcelain Enameling	40 CFR 466
Pulp, Paper and Paperboard	40 CFR 430
Rubber Processing	40 CFR 428
Seafood Processing	40 CFR 408
Soaps and Detergents Manufacturing	40 CFR 417
Steam Electric Power Generating	40 CFR 423
Sugar Processing	40 CFR 409
Timber Products Manufacturing	40 CFR 429
Textile Mills	40 CFR 410

Attachment 2



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
CERTIFICATE OF APPROVAL TO CONSTRUCT
DRINKING WATER WELL FACILITIES

Page 1 Of 2

ADEQ File No: 20061117		LTF No: 42451	
System Name: Johnson Utilities, Llc		System Number: 11-128	
Project Owner: Brian P. Tompsett			
Address: 5230 E Sheal Blvd Ste 200, Scottsdale, AZ 85254			
Project Location: Florence		County : Pinal	
Description: WELL, WATER STORAGE TANK OF 1-MILLION GALLONS CAPACITY, HYDROPNEUMATIC TANK OF 5,000 GALLONS CAPACITY, BOOSTER PUMPS, AND YARD PIPING AT SILVERADO RANCH WATER PLANT.			

Approval to construct the above-described facilities as represented in the approved documents on file with the Arizona Department of Environmental Quality is hereby given subject to provisions 1 through 5 continued on page 2 through 2

1. This project must be constructed in accordance with all applicable laws, including Title 49, Chapter 2, Article 9 of the Arizona Revised Statutes and Title 18, Chapter 5, Article 5 of the Arizona Administrative Code.
2. Upon completion of construction, the engineer shall fill out the Engineer's Certificate of Completion and forward it to the Central Regional office located in Phoenix. If all requirements have been completed, that unit will issue a Certificate of Approval of Construction. R18-5-507(B), Ariz. Admin.Code. At the project owner's request, the Department may conduct the final inspection required pursuant to R18-5-507(B); such a request must be made in writing in accordance with the time requirements of R18-5-507(C), Ariz. Admin. Code.
3. This certificate will be void if construction has not started within one year after the Certificate of Approval to Construct is issued, there is a halt in construction of more than one year, or construction is not completed within three years of the approval date. Upon receipt of a written request for an extension of time, the Department may grant an extension of time; an extension of time must be in writing. R18-5-505(E), Ariz. Admin. Code.
4. Operation of a newly constructed facility shall not begin until a Certificate of Approval of Construction has been issued by the Department. R18-5-507(A), Ariz. Admin. Code.

Reviewed by : JD1

By:

Kwame A. Agyare., P.E.

12/21/06

Date

Manager, Drinking Water and
Wastewater Engineering Review
Water Quality Division

cc: File No : 20061117
Regional Office: Central
Owner: Brian P. Tompsett
County Health Department: Pinal
Engineer: Specific Engineering, Llc
Planning and Zoning/Az Corp. Commission
Engineering Review Database - Etr022

**CERTIFICATE OF APPROVAL TO CONSTRUCT
WATER FACILITIES**

ADEQ File No. 20061117

Page 2 of 2 : Provisions, continued

5. Notice of Intent to Drill, pump test data, Driller's Log, and acceptable water quality analyses shall be submitted with the "Application for Approval of Construction".



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY
CERTIFICATE OF APPROVAL TO CONSTRUCT
WATER FACILITIES

Page 1 Of 1

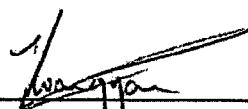
ADEQ File No: 20061097		LTF No: 41404	
System Name: Johnson Utilities		System Number: 11-128	
Project Owner: Brian P Tompsett			
Address: 5230 E Shea Blvd Ste 203, Scottsdale, AZ 85254			
Project Location: Queen Creek		County: Pinal	
Description: INSTALL WATER MAIN EXTENSION ALONG COOPER RD FROM SKYLINE TO BELLA VISTA RDS. PROJECT CONSISTS OF APPROXIMATELY 10,881 LF OF 12" PVC AND 318 LF OF 12" DIP WATER LINES.			

Approval to construct the above-described facilities as represented in the approved documents on file with the Arizona Department of Environmental Quality is hereby given subject to provisions 1 through 4 continued on page 1 through 1

1. This project must be constructed in accordance with all applicable laws, including Title 49, Chapter 2, Article 9 of the Arizona Revised Statutes and Title 18, Chapter 5, Article 5 of the Arizona Administrative Code.
2. Upon completion of construction, the engineer shall fill out the Engineer's Certificate of Completion and forward it to the Central Regional Office located in Phoenix. If all requirements have been completed, that unit will issue a Certificate of Approval of Construction. R18-5-507(B), Ariz. Admin. Code. At the project owner's request, the Department may conduct the final inspection required pursuant to R18-5-507(B); such a request must be made in writing in accordance with the time requirements of R18-5-507(C), Ariz. Admin. Code.
3. This certificate will be void if construction has not started within one year after the Certificate of Approval to Construct is issued, there is a halt in construction of more than one year, or construction is not completed within three years of the approval date. Upon receipt of a written request for an extension of time, the Department may grant an extension of time; an extension of time must be in writing. R18-5-505(E), Ariz. Admin. Code.
4. Operation of a newly constructed facility shall not begin until a Certificate of Approval of Construction has been issued by the Department. R18-5-507(A), Ariz. Admin. Code.

Reviewed by: AQ1

By:


Kwame A. Agyare, P.E.
Manager, Drinking Water and
Wastewater Engineering Review
Water Quality Division

Date

12/21/06

cc: File No: 20061097
Regional Office: Central
Owner: Brian P Tompsett
County Health Department: Pinal
Engineer: Can-Am Engineering
Planning and Zoning/Az Corp. Commission
Engineering Review Database - Etr021



CONSTRUCTION AUTHORIZATION

FOR A SEWAGE COLLECTION SYSTEM
TYPE 4.01 GENERAL PERMIT

Applicant Information:		County: Pinal	
Name	Brian P. Tompsett	ADEQ File No.	20061097
Address	Johnson Utilities, LLC 5230 E. Shea Blvd., #200 Scottsdale, AZ 85254	Project Name:	Cooper Road Sewer Force Main
		LTF #:	42402
Project Type(s)		Project Location:	
<input type="checkbox"/> Gravity <input type="checkbox"/> Lift Station <input checked="" type="checkbox"/> Force Main <input type="checkbox"/> Other:		The project is located along the Cooper Road from Bella Vista Road to Skyline Drive.	
		Project Description:	
		Approximately 11,890 feet of 8-inch PVC and related appurtenances.	
Design Documents Approved for Construction		WWTP Name:	Section 11 WWTP
		Treatment Facility Permitted Design Flow:	2.0 MGD
Document	Date	APP Number	103081
Notice of Intent to Discharge	10/31/06	System Capacity Affirmation Date:	N/A
Site Plan	9/14/06	Sewage Collection System Capacity Affirmation Date:	N/A
Design Plan	9/14/06	Location of Downstream End of System Proposed Herein:	
Operation & Maintenance Plan		Township	4S Range 8E Section 11
Other Document(s):		Latitude	33 ° 11 2.2 N
		Longitude	111 ° 26 18.9 W
Design Report	10/30/06	Description of Area Served by Project:	
		The project is the second section of force main design serving the Silverado Ranch Development.	
<p>Construction Authorization: This Construction Authorization is issued in accordance with Arizona Administrative Code (A.A.C.) Title 18, Chapter 9, Article 3, Part 4, Section A301. The applicant is authorized to construct the facility at the location specified herein under terms and conditions of the requested general permit and applicable requirements of Arizona Revised Statutes Title 49, Chapter 2, and A.A.C. Title 18, Chapter 9. The applicant has two years from the approval date of this document to complete construction and submit the applicable verification documents specified in A.A.C. R18-9-E301(E). Construction shall conform with the approved design documents.</p>			
 Kwame A. Ayee, P.E.		Manager, Drinking Water & Wastewater Engineering Review Title	
		12/22/2006 Date	

ERP-06-1205



<p align="center">CONSTRUCTION AUTHORIZATION FOR A SEWAGE COLLECTION SYSTEM TYPE 4.01 GENERAL PERMIT</p>

Applicant Information:		County: Pinal	
Name	George Cannon	ADEQ File No.	20060958
Address	4800 North Scottsdale Road, Suite 2200 Scottsdale, AZ 85251	Project Name:	Silverado Ranch - Unit 1 Lift Station
		LTF #:	41960
Project Type(s)		Project Location: Skyline Drive and approximately 1 mile of East of Cooper Road	
<input type="checkbox"/> Gravity		Project Description: Installation of one lift station with duplex pumps that are capable of handling 3" solids. The pumps are Flygt Model C-3300 Centrifugal 6" non-clog, 3" solid handling, explosion proof, 857gpm, 88hp, 460 volts, 3 phase, 1750 rpm to serve the sewage flow from the Silverado Ranch Development.	
<input checked="" type="checkbox"/> Lift Station			
<input type="checkbox"/> Force Main			
<input type="checkbox"/> Other:			
Design Documents Approved for Construction		WWTP Name: Section 11 WWTP	Treatment Facility Permitted Design Flow: 2 MGD
Document	Date	APP Number 103081	System Capacity Affirmation Date: 09/05/06
Notice of Intent to Discharge	09/14/06	Sewage Collection System Capacity Affirmation Date:	
Site Plan	03/02/06	Location of Downstream End of System Proposed Herein:	
Design Plan	03/02/06	Township 3 S	Range 9 E Section 3 ¼ ¼ ¼
Operation & Maintenance Plan	02/10/06	Latitude	33° 11' 38" N
Other Document(s):		Longitude	111° 27' 33" W
Design Report	02/10/06	Description of Area Served by Project:	
Construction Authorization: This Construction Authorization is issued in accordance with Arizona Administrative Code (A.A.C.) Title 18, Chapter 9, Article 3, Part A, Section A301. The applicant is authorized to construct the facility at the location specified herein under terms and conditions of the requested general permit and applicable requirements of Arizona Revised Statutes Title 49, Chapter 2, and A.A.C. Title 18, Chapter 9. The applicant has two years from the approval date of this document to complete construction and submit the applicable verification documents specified in A.A.C. R18-9-E301(E). Construction shall conform with the approved design documents.			
 Kwame A. Agyare, P.E.		Manager, Drinking Water & Wastewater Engineering Review 12/13/06 Title Date	

Reviewer: ASB
 ERP: 06:1157

REVISED MARCH 2006